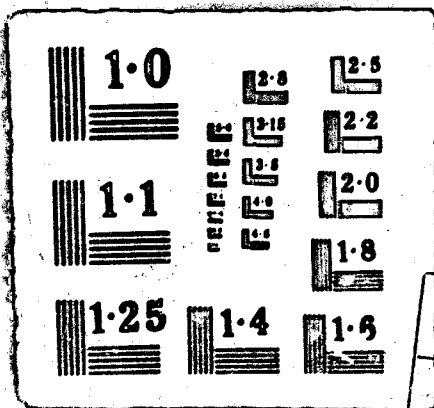


105798

105798

AD 472473



105798

DESCRIPTIVE	<input checked="" type="checkbox"/>
INDEXED	<input checked="" type="checkbox"/>
ABSTRACT	<input type="checkbox"/>

SECURITY

MARKING

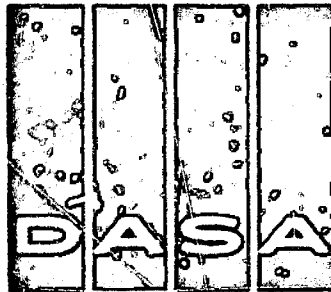
The classified or limited status of this report applies to each page, unless otherwise marked.

Separate page printouts MUST be marked accordingly.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794. THE TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

DASA 1628



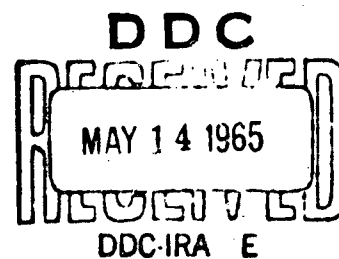
**DATA CENTER
SPECIAL BIBLIOGRAPHY**

**ELECTROMAGNETIC
PULSE**

MARCH 1965

AD 472 473

CATALOGED BY: DDC
AS AD 472 473



UNCLASSIFIED

Qualified requestors may obtain copies of this report from DDC. Foreign announcement and dissemination of this report by DDC is not authorized.

DASA 1628

DASA DATA CENTER
SPECIAL BIBLIOGRAPHY No. 1

ELECTROMAGNETIC PULSE

MARCH 1965

Published by: DASA Data Center
General Electric Company
TEMPO, 735 State Street
Santa Barbara, California

Under Contract: DA 49-146-XZ-282

This research has been sponsored by the
Defense Atomic Support Agency under
NWER Subtask 07.008.

Qualified requestors may obtain copies
of this report from DDC. Foreign announce-
ment and dissemination of this report by
DDC is not authorized.

INTRODUCTION

This bibliography is a listing of reports and other publications pertinent to the study of nuclear-burst associated electromagnetic pulses, their generation, propagation, effects, and simulation. This publication supersedes the "Electromagnetic Pulse" Special Bibliography compiled by the DASA Data Center, General Electric Company, TEMPO, Santa Barbara, California, March 1964, DASA No. 705 (AD 446 995). Further revisions will be published by the DASA Data Center.

The bibliography is organized into two parts. Part One is a listing of references, and Part Two is a Key-Word-In-Context (KWIC) index to the listing. This index is based on the Key Words appearing in the report title.

The bibliography is based on reports held by the Data Center and references provided by Dr. Charles A. Blank, Defense Atomic Support Agency, Washington, D. C.

Please direct any information about new material and suggestions to improve the usefulness of the bibliography to General Electric Company, TEMPO, 735 State Street, Santa Barbara, California 93102, Attention: DASA Data Center.

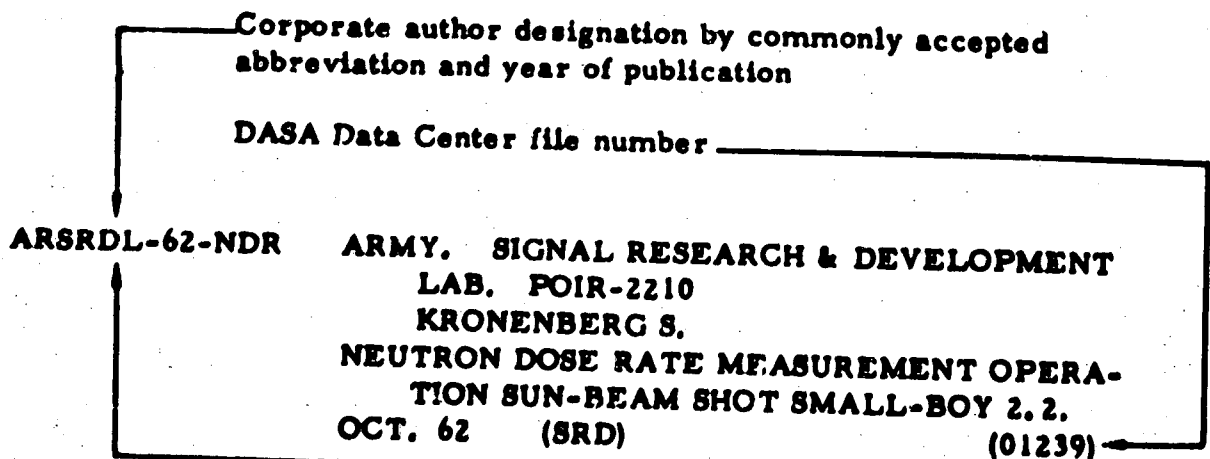
PART ONE
THE BIBLIOGRAPHY

The bibliography is a listing of reports and other publications arranged by issuing agency or corporate author.

A unique code has been assigned to and precedes each reference. The function of this code is to identify the Key-Word-In-Context (KWIC) entries in Part Two with the full citation in Part One.

An example of this relationship from the bibliography is shown below.

Excerpt from Bibliography (Part One)



Excerpt from KWIC Index (Part Two)

F PHYSICAL SYSTEMS TO NEMR THE EM RADIA RAND -62-CVP
AM SHOT SMALL-BOY 2.2 NEUTRON DOSE RATE ARSRDL-62-NDR
I II & JOHNNIE-BOY 2.3 NEUTRON FLUX MEA ARNDL -62-NFM

BIBLIOGRAPHY

- ACS -58-SHE AMERICAN CHEMICAL SOCIETY MONOGRAPH SERIES
CINK MA
SCIENCE OF HIGH EXPLOSIVES.
58 (CHAPTER 7)
- AIRPA -59-PAM ADVANCED RESEARCH PROJECTS AGENCY (DIA ARPA-R-59)
INSTITUTE FOR DEFENSE ANALYSES
PROJECT ARGUS REPORT OF THE SECOND WORKING GROUP AT LRL
FEB 1959. DETECTION
JUN.59 (TITLE U) (REPORT SRD) (01929)
- ADVIND-59-AAP ADVANCE INDUSTRIES (AI-1352)
WATERS AJ
AIRBORNE ANTENNAS + PHOTOGRAPHS FOR DETERMINATION OF
NUCLEAR WEAPON YIELD OPERATION NUMBERING 6.4.
AUG.59 (TITLE U) (REPORT SRD) (01488)
- AERONU-62-TSE AERONUTRONIC DIV. FORD MOTOR (AFSMC-TDR-62-100)
RUMIG AJ ERPA CM MUNICK RJ
THEORETICAL STUDY OF THE EM PULSE FROM A NUCLEAR EXPLOSION.
NOV.62 (TITLE U) (REPORT SRD) AF-79(601)-4R95 (01420)
- AERONU-63-EPE AERONUTRONIC DIV. FORD MOTOR (AFWL-TDR-63-39)
EM PULSE EFFECTS. VULNERABILITY SHIELDING
JUN.63 (TITLE U) (REPORT SRD) (01773)
- AERONU-63-TSE AERONUTRONIC DIV. FORD MOTOR (OLN-63-11)
RUMIG AJ MUNICK RJ MAST PE
THEORETICAL STUDY OF THE EM PULSE FROM A NUCLEAR EXPLOSION.
LOW ALTITUDE.
JUN.63 (TITLE U) (REPORT SRD) (01628)
- AERONU-64-EPB AERONUTRONIC DIV. FORD MOTOR
TAUSSIG MA
EM PULSE BIBLIOGRAPHY
MAR.64 (TITLE U) (REPORT SRC) (01956)
- AERONU-64-SNE AERONUTRONIC DIV. FORD MOTOR (AD-399497L)
ENGLAND RE GARNOLD DC GODDOLL EM
STUDY OF NUCLEAR ELECTROMAGNETIC PULSE (NEMP) EFFECTS
JUL.64 (TITLE U) (REPORT SRD) DA 44 009 AMC 2761
(ALL RELEASE OF THIS DOCUMENT IS
CONTROLLED. CERTIFIED REQUESTERS SHALL
OBTAIN RELEASE APPROVAL FROM ARMY
ENGINEER RESEARCH & DEVELOPMENT LABS,
FORT BELVOIR, VA.)

AFBSO -63-AME AF. BALLISTIC SYSTEMS DIV. (MS-133H) (MSD EXHIBIT-62-R3)
 NUCLEAR WEAPONS EFFECTS CRITERIA. VULNERABILITY CARDS
 MINUTE MAN
 MAY 63 (TITLE U) (REPORT SMD) (01871)

AFCL -59-SRV AF. CAMBRIDGE RESEARCH LAB. (MT-1336)
 DEFENSE ATOMIC SUPPORT AGENCY FIELD COMMAND
 MURPHY KA MUMPHREY LC
 SHORT BASELINE MARIL MEASUREMENTS MEDWIG 6.1A.
 JUL.59 (TITLE U) (REPORT SMD) (02030)

AFCL -63-EPV AF. CAMBRIDGE RESEARCH LAB.
 GANIN A. HARVEY R. HECKSCHER J.
 EM PULSE AND VLF MEASUREMENTS.
 JUN.63 (TITLE U) (REPORT SMD)
 (SEE OASA DATA CENTER SR-15)

AFCL -63-ISM AF. CAMBRIDGE RESEARCH LAB. (POW-2020)
 LOCKHEED MISSILES AND SPACE DIV.
 NUCLEAR RESEARCH ASSOCIATES
 IONOSPHERIC SOUNDINGS AND MAGNETIC MEASUREMENTS.
 FISH-BOWL 6.9A.
 JUL.63 (TITLE U) (REPORT SMD) (01627)

AFCL -64-EPV AF. CAMBRIDGE RESEARCH LABS (AFCL-64-993) (AD-353674)
 GANIN A. HECKSCHER JL
 EM PULSES FROM 1962 USSR NUCLEAR TESTS, EXTRACTED FROM
 SPERICS RECORDS
 JUL.64 (TITLE U) (REPORT SMD) (02740)

AFESO -64-ASE AF. ELECTRONICS SYSTEMS DIVISION
 ABSTRACTS OF SYMPOSIUM ON EMP EFFECTS ON MILITARY SYSTEMS
 MAY 64 (REPORT C) (02240)

AFOAT -53-EEA AF. OFFICE OF ATOMIC ENERGY (MT-937)
 OLESON MH
 ELECTROMAGNETIC EFFECTS FROM ATOMIC EXPLOSIONS.
 TUMBLER-SNAPPER 7.1A.
 JAN.53 (REPORT SMD) (02024)

AFOAT -52-EEN AF. OFFICE OF ATOMIC ENERGY (MT-644)
 OLESON MH
 EM EFFECTS FROM NUCLEAR EXPLOSIONS IVY 7.1. MEASUREMENTS
 NOV.52 (TITLE U) (REPORT SMD) (00172)

AFOAT -54-ERC AF. OFFICE OF ATOMIC ENERGY (MT-930)
 OLESON MH
 EM RADIATION CALIBRATION OPERATION CASTLE 7.1.
 MAY.54 (TITLE U) (REPORT SMD) (03169)

AFOAT -55-EEV AF. OFFICE OF ATOMIC ENERGY (WT-762)
 (JELSON MH)
 EM EFFECTS FROM NUCLEAR EXPLOSIONS. UPSHOT KNOTHOLE 7.1.
 JUN.55 (REPORT S) (01878)

AFSC -63-SAY AF. SYSTEMS COMMAND (AFSCM 500 1)
 SYSTEMS APPLICATIONS OF NUCLEAR TECHNOLOGY. NUCLEAR WEAPON
 EFFECTS ON AIR-FORCE SYSTEMS.
 JUN.63 (TITLE U) (REPORT SMD) (01846)

AFSC -64-EPE AF. SYSTEMS COMMAND (AFSCM 500-7)
 ELECTROMAGNETIC PULSE EFFECTS ON AIR FORCE SYSTEMS
 1964 (02603)

AFWL -59-SES AF. WEAPONS LAB. (SWR-TM-59-5)
 LIPPMAH HA
 SPACESHARE EM SIGNALS FROM NUCLEAR EXPLOSIONS IN OUTER SPACE
 AUG.59 (TITLE U) (REPORT SMD) (00592)

AFWL -62-NER AF. WEAPONS LAB (AFSWC/SWMC-2-0157)
 NUCLEAR EFFECTS RESEARCH AND TESTING. A FIVE-YEAR TECHNICAL
 PLAN
 MAY 62 (REPORT SMD) (02733)

AFWL -63-CLM AF. WEAPONS LAB. POR (WT) 2231 (AI-346397L)
 SPACE TECHNOLOGY LAB.
 ALLIED RESEARCH ASSOC.
 HENDERSON WD MATHEWS RL GREEN WD
 CABLE LOOP MEASUREMENTS.
 DEC.63 (TITLE U) (REPORT SMD) (01815)

AFWL -63-ENL AF. SPECIAL WEAPONS CENTER (POR-2271)
 HENDERSON WD
 EM MEASUREMENTS LITTLE-FELLER + JOHNNIE-BOY EVENTS.
 SUN-BEAM 6.6
 63 (TITLE U) (REPORT S) (NOT AVAILABLE IN OASA DATA CENTER)

AFWL -63-EPI AF. SPECIAL WEAPONS CENTER
 HENDERSON WD
 EM PULSE INSTRUMENTATION DEVELOPMENT OPERATION
 FERRIS-WHEEL 6.1.
 JUN.63 (TITLE U) (REPORT S) (00691)

AFWL -63-NED AF. SPECIAL WEAPONS CENTER (AFSWC TUN-63-24)
 BARKLINI F. GOMEZ RC HOLLADAY R.
 NUCLEAR EFFECTS DATA FOR SAGE SURVIVABILITY.
 APR.63 (TITLE U) (REPORT S) (01797)

AFWL -63-PEM AF. SPECIAL WEAPONS CENTER (POW 2234)
 HENDERSON WJ
 PRAGMATIC INSTRUMENTAL MEASUREMENTS OPERATION SUN-BEAM SHOT
 SMALL-BOY 7.1. VULNERABILITY COMPUTER-COMPONENTS
 CABLE ANTENNAS
 OCT.63 (TITLE U) (REPORT SRD) (01726)

AFWL -65-TRE AF. WEAPONS LAB. (PIIR-7400)
 HOEJNG
 MARTIN DG
 TRANSIENT RADIATION EFFECTS MEASUREMENTS. HACKSWING 2.1
 JAN.65 (TITLE U) (REPORT SRD) (02857)

AGA -63-PEP AERO GEN ASTRO CORP
 FARKAS A. WILLIS RL
 PROMPT EM PULSE DATA PROJECT DELTA GAMMA.
 JUL.63 (TITLE U) (REPORT S) (01619)

ARENRD-63-REP ARMY. ENGINEER RESEARCH + DEVELOPMENT LABS. POR (MT)-2741
 DINGEN DR BOSTAK RJ
 RESPONSE OF ELECTRICAL POWER SYSTEMS TO EM EFFECTS OF
 NUCLEAR DETONATIONS OPERATION SUN-BEAM SHOT
 SMALL-BOY 7.5.
 JUN.63 (TITLE U) (REPORT C) (01554)

ARENRD-64-NEP ARMY. ENGINEER RESEARCH + DEVELOPMENT LABS. (DASA 1567)
 BOSTAK RJ
 A NUCLEAR ELECTROMAGNETIC PULSE EXPERIMENTAL FACILITY.
 SEP.64 (REPORT DUO) (FINAL REPORT) (02643)

ARENRD-64-YES ARMY. ENGINEER RESEARCH + DEVELOPMENT LABS. (DASA 1557)
 DINGEN DR HAAS WJ
 THEORETICAL EXTRAPOLATION OF THE SMALL-BOY NUCLEAR EMP
 SIGNATURES
 AUG.64 (TITLE U) (REPORT SRD) (FINAL REPORT-DRAFT) (02677)

ARERDL-63-FSN ARMY. ELECTRONICS RESEARCH AND DEVELOPMENT LABS. (AD-348919)
 BERL S. VIARS T.
 FEASIBILITY STUDY FOR NUCLEAR SURVEILLANCE.
 NOV.63 (TITLE U) (REPORT SRD) ELRDL TR-2351 (02434)

ARHDL -62-EEF ARMY. DIAMOND ORDNANCE FIZE LABS. (DOFL-TR-1058) (AU-278676)
 WICKLUND JS
 EXTRAPOLATION OF THE EM FIELD.
 JUL.62 (REPORT U) (02064)

AFML -63-PIN AF. SPECIAL WEAPONS CENTER (POW 223H)
 HENDERSON WJ
 PRAGMATIC INSTRUMENTAL MEASUREMENTS OPERATION SUN-BEAM SHOT
 SMALL-BOY 7.1. VULNERABILITY COMPUTER-COMPONENTS
 CABLE ANTENNAS
 OCT.63 (TITLE U) (REPORT SRD)
 (01726)

AFML -65-TRE AF. WEAPONS LAB. (PIIR-2400)
 HOEING
 HAKTIV OG
 TRANSIENT RADIATION EFFECTS MEASUREMENTS. BACKSWING 2.1
 JAN.65 (TITLE U) (REPORT SRD)
 (J2959)

AGA -63-PEP AERO GEN ASTRO CORP
 FARKAS A. WILLIS RL
 PROMPT EM PULSE DATA PROJECT DELTA GAMMA.
 JUL.63 (TITLE U) (REPORT S)
 (01619)

ARENRD-63-REP ARMY. ENGINEER RESEARCH & DEVELOPMENT LABS. POR (MI)-2241
 DINGER DR HOSAK RJ
 RESPONSE OF ELECTRICAL POWER SYSTEMS TO EM EFFECTS OF
 NUCLEAR DETONATIONS OPERATION SUN-BEAM SHOT
 SMALL-BOY 7.9.
 JUN.63 (TITLE U) (REPORT C)
 (01934)

ARENRD-64-REP ARMY. ENGINEER RESEARCH & DEVELOPMENT LABS. (DASA 1563)
 HOSAK RJ
 A NUCLEAR ELECTROMAGNETIC PULSE EXPERIMENTAL FACILITY.
 SEP.64 (REPORT DUO)
 (FINAL REPORT)
 (02643)

ARENRD-64-TES ARMY. ENGINEER RESEARCH & DEVELOPMENT LABS. (DASA 1557)
 DINGER DR HAAS WJ
 THEORETICAL EXTRAPOLATION OF THE SMALL-BOY NUCLEAR EMP
 SIGNATURES
 AUG.64 (TITLE U) (REPORT SRD)
 (FINAL REPORT-DKAFI)
 (02677)

ARENDL-63-FSN ARMY. ELECTRONICS RESEARCH AND DEVELOPMENT LABS. (AD-348919)
 BERL S. YIARS T.
 FEASIBILITY STUDY FOR NUCLEAR SURVEILLANCE.
 NOV.63 (TITLE U) (REPORT SRD) ELRDL TR-2351
 (C2434)

ARENDL -62-EEF ARMY. DIAMOND ORDNANCE FIZE LABS. (DOFL-TR-1058) (AD-278676)
 WICKLUND JS
 EXTRAPOLATION OF THE EM FIELD.
 JUL.62 (REPORT U)
 (02064)

ARHDL -62-IRM ARMY. DIAMOND ORDNANCE FUZE LABS. (POIR-2209)
 EDGERTON, GERMLSHAUSEN + GRIEP
 CALDWELL PA WIMENITZ FN LACKEY JG
 INITIAL RADIATION MEASUREMENTS.
 AUG.62 (TITLE U) (REPORT SRD) (01108)

ARHDL -62-MLM ARMY. DIAMOND ORDNANCE FUZE LABS. POIR-2227
 CALDWELL PA WIMENITZ FN
 MAGNETIC LOOP MEASUREMENTS OPERATION SUN-BEAM SHOT
 SMALL-BOY 6.2.
 OCT.62 (TITLE U) (REPORT SRD) (01227)

ARHDL -62-MMC ARMY. DIAMOND ORDNANCE FUZE LABS. (WT-1436)
 HAAS PH WIMENITZ FN HODLEY JC
 MEASUREMENT OF THE MAGNETIC COMPONENT OF EM FIELD NEAR A
 NUCLEAR DETONATION OPERATION PLUMBBOB 6.2.
 MAY.62 (TITLE U) (REPORT SRD) (01007)

ARHDL -62-PTM ARMY. HARRY DIAMOND LABS. (HDL TR-1032)
 TOMPKINS JE
 PENETRATION OF TRANSIENT MAGNETIC FIELDS INTO A HOLLOW
 CONDUCTING CYLINDER.
 APR.62 (TITLE U) (REPORT S) (02013)

ARHDL -63-XRI ARMY. HARRY DIAMOND LABS. (HDL TR-1091)
 WEINER H.
 X-RAY INDUCED PRIMARY ELECTRON SPECTRUM.
 JAN.63 (TITLE U) (REPORT SRD) (02015)

ARNDL -62-NFM ARMY. NUCLEAR DEFENSE LAB (POIR-2264)
 RIGOTTI DL MCNEILLY JH BRADY KE
 NEUTRON FLUX MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY
 LITTLE-FELLER I II + JOHNNIE-BOY 2.3.
 AUG.62 (TITLE U) (REPORT SRD) (01113)

ARSEL -53-ERR ARMY. SIGNAL CORPS ENGINEERING LABS. WT-548
 BROWN P. CARP G. CASTELLINI N.
 EM RADIATION OVER THE RADIO SPECTRUM FROM NUCLEAR
 DETONATIONS OPERATION TUMBLER-SNAPPER 9.5.
 JUN.53 (REPORT SRD) (00174)

ARSEL -56-MAE ARMY. SIGNAL CORPS ENGINEERING LABS. (WT-754)
 MEASUREMENTS AND ANALYSIS OF ELECTROMAGNETIC RADIATION FROM
 NUCLEAR DETONATIONS UPSHOT-KNOTHOLE 6.7.
 JUN.56 (REPORT SRD) (02025)

ARSEL -57-MDL ARMY. SIGNAL CORPS ENGINEERING LABS. (WT-1140)
MILLER M. JACOBY D. LISMAN H.
MISSILE DETONATION LOCATOR. TEAPOT 6.3
AUG.57 (REPORT SRD) (02027)

ARSEL -58-CER ARMY. SIGNAL ENGINEERING LABS. (WT-648)
RF CHARACTERISTICS OF EM RADIATION IVY 7.3.
JUL.58 (REPORT SRD) (00171)

ARSRDL-60-EPL ARMY. SIGNAL RESEARCH + DEVELOPMENT LAB. (WT-1667)
DEFENSE ATOMIC SUPPORT AGENCY FIELD COMMAND
CANTOR G. FARNOCHI A.
EM PULSES FROM LOW YIELD BURSTS OPERATION HARDTACK.
AUG.60 (TITLE U) (REPORT SFRD) (01422)

ARSRDL-60-MRF ARMY. SIGNAL RESEARCH + DEVELOPMENT LAB. (WT-1353)
ONG CJ KOWALSKI RT JACOBY UD
MEASUREMENT OF RADIO FREQUENCY EM RADIATION FROM NUCLEAR
DETONATIONS OPERATION REDWING 6.5.
MAR.60 (TITLE U) (REPORT SRD) (01418)

ARSRDL-60-WFE ARMY. SIGNAL RESEARCH + DEVELOPMENT LAB. (WT-1638)
LAVICKA F. LANG G.
WAVEFORM OF EM PULSE FROM NUCLEAR DETONATIONS OPERATION
HARDTACK 6.4.
SEP.60 (TITLE U) (REPORT SRD) (00710)

ARSRDL-62-IGF ARMY. SIGNAL RESEARCH + DEVELOPMENT LAB. (POIR-2229)
KRONENBERG S.
INITIAL GAMMA FLUX MEASUREMENT OPERATION SUN-BEAM SHOT
SMALL-BOY 6.4.
OCT.62 (TITLE U) (REPORT SRD) (01244)

ARSRDL-62-MRE ARMY. SIGNAL RESEARCH + DEVELOPMENT LAB. APPLIED PHYSICS
DIV.
MEMORANDUM REPORT ON EM PULSE FROM NUCLEAR DETONATION.
DETECTION
FEB.62 (TITLE U) (REPORT S) (50181)

ATC -61-CRN AIR TECHNOLOGY CORP (AD-342172)
ULTRASONIC CORP
CLAPP RE
COHERENT RADIATION FROM NUCLEAR DETONATIONS.
NOV.61 (TITLE U) (REPORT SRD)
(SERIES B REISSUED ON NOVEMBER 10, 1961 BY AIR
TECHNOLOGY CORP FOR DASA. DA 49-146-XZ-106)(01705)

ATC -63-AEC AIR TECHNOLOGY CORP (ATC 48-SR-1) (DASA-1456)
 CLAPP RE
 ANALYSIS OF THE EM EFFECTS OF A NUCLEAR EXPLOSION IN THE
 LOWER ATMOSPHERE.
 DEC.63 (TITLE U) (REPORT SRD) DA 49-146-XZ-106
 (02093)

ATC -63-EEP AIR TECHNOLOGY CORP.
 CLAPP RE
 EMP EXPERIMENTAL PROGRAM.
 MAY.63 (TITLE U) (REPORT SRD)
 (01599)

ATC -63-SDR AIR TECHNOLOGY CORP (FIRST QUARTERLY REPORT AD-336968)
 DULCHINS J.
 SPERICS DISCRIMINATOR RESEARCH AND DEVELOPMENT PROGRAM.
 62-63 (TITLE U) (REPORTS SRD) DA 36-0345C-90827
 FIRST QUARTERLY REPORT (02094)
 SECOND QUARTERLY REPORT (02095)
 THIRD QUARTERLY REPORT (02096)

ATC -64-CIE AIR TECHNOLOGY CORP
 CLAPP RE
 DESCRIPTORS = CLOSE-IN EFFECTS. EMP PROCESSES
 AUG.64 (REPORT SRD) DA 49-146-XZ-106
 (02467)

BAT -64-EFC HATTELLE MEMORIAL INSTITUTE (BAT-197-6-10) (AD-351829)
 JUNG RG
 EM FIELDS CREATED BY A NUCLEAR BURST
 JUL.64 (TITLE U) (REPORT S) SD-80
 (02433)

BOEING-62-PEP BOEING AERO SPACE DIV. (MEMO 2-5471-132)
 SPENCER WF
 RECEPTION OF AN EM PULSE FROM A HIGH ALTITUDE NUCLEAR
 EXPLOSION.
 AUG.62 (REPORT U)
 (02056)

BOEING-63-TBE BOEING-D2-70365
 MAR RW
 TIME BEHAVIOR OF THE EARLY GAMMA RADIATION FROM SURFACE
 CONTACT NUCLEAR WEAPON DETONATIONS.
 JAN.63 (TITLE U) (REPORT SRD)
 (01678)

BOEING-63-WET BOEING POR (WT)-2226
 BRYSON VE FIRMIVHAC RH REED RR
 WEAPONS EFFECTS TESTING EM PULSE OPERATION SUN-HEAM SHOT
 SMALL-RDY 6.1.
 JUN.63 (TITLE U) (REPORT SRD)
 (01532)

- BOEING-64-ECE BOEING AERO SPACE DIV. (DASA-1467)
 REED RR FRITZSCHE AF
 EVALUATION OF CLOSE-IN ELECTRIC FIELD MEASUREMENT TECHNIQUES
 APR.64 (TITLE U) (REPORT SRD) DA 49-146-X7-235
 (02008)
- BTL -58-EPT BELL TELEPHONE LABS. TECHNICAL REPORT 6
 ARMY. SIGNAL RESEARCH + DEVELOPMENT LAB.
 HAYS JR BULLE OW
 ELECTRICAL PROTECTION OF TACTICAL COMMUNICATION SYSTEMS
 AUG.58 (REPORT U) DA 36-039 SC-73089
 (REPRINTED 1 JULY 1964) (02431)
- BTL -61-RFR BELL TELEPHONE LABS.
 GIFFELS CA STERN RA
 RF RADIATION FROM A NUCLEAR DETONATION A SURVEY OF
 OBSERVATIONS AND PROPOSED MODELS.
 SEP.61 (TITLE U) (REPORT SRD)
 (01720)
- BTL -62-CEH BELL TELEPHONE LABS. MM-62-4261-3
 DOWNS JP GIFFELS CA
 CALCULATIONS OF THE EARLY HISTORY OF THE RADIAL ELECTRIC
 FIELD FROM A NUCLEAR EXPLOSION.
 MAY 62 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)
- BTL -62-EMP BELL TELEPHONE LABS.
 GIFFELS CA SCHWARTZ FL STERN RA
 EM PULSE THEORETICAL MODELS + EMPIRICAL DESCRIPTION.
 SEP.62 (TITLE U) (REPORT SRD)
 (01307)
- BTL -62-HCS BELL TELEPHONE LABS.
 HIGHT SC MIDDAUGH JK
 HARD COMMUNICATIONS SYSTEMS A SUMMARY OF BTL AND SANDIA
 CORPORATIVE PARTICIPATION ON NUCLEAR TESTS IN FEBRUARY
 AUGUST 1962.
 SEP.62 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)
- BTL -63-EPS BELL TELEPHONE LABS. (39176-MH-18-16)
 HAYS JR WITT EF
 EM PULSE SHIELDING.
 JUL.63 (TITLE U) (REPORT SRD)
 (01866)
- BTL -63-FSM BELL TELEPHONE LABS. (39158-MH-53-6)
 HAYS JR
 FIELD STRENGTH MEASUREMENTS AT NORTH BAY ONTARIO.
 SEP.63 (TITLE U) (REPORT S)
 (01868)

BTL -63-IGC BELL TELEPHONE LABS.
 WOLTERS LF
 INDUCTION AND GENERATION OF CURRENTS AND VOLTAGES BY NUCLEAR
 EXPLOSIONS IN COMMUNICATION CABLES SURVEY OF POSSIBLE
 MECHANISMS.
 JAN.63 (TITLE U) (REPORT SRD)
 (02150)

BTL -63-MST BELL TELEPHONE LABS. (39158-MM-52-)
 HAYS JB HOFFE DW
 MAGNETIC SURGE TESTS AT COLORADO SPRINGS.
 SEP.63 (TITLE U) (REPORT S)
 (01867)

BTL -63-SCS BELL TELEPHONE LABS.
 SUNDE ED
 SWITCHING CENTER SHIELDING AGAINST ATMOSPHERIC INDUCTION.
 JUN.63 (REPORT U)
 (01870)

BTL -63-SST BELL TELEPHONE LABS.
 HAYS JP
 SUMMARY OF SHIELDING TESTS ON SCALE MODEL BUILDINGS.
 JUN.63 (REPORT U)
 (01869)

BTL -64-ECC BELL TELEPHONE LABS (39198-MM-44-54)
 MITCHELL JK
 EFFECT ON COMMUNICATION CABLES OF THE EM PULSE GENERATED BY
 A NUCLEAR DETONATION.
 JAN.64 (TITLE U) (REPORT SRD)
 (02052)

CHAPJ -57-RCA CHAPMAN J PIERCE ET
 RELATIONS BETWEEN THE CHARACTER OF ATMOSPHERICS AND THEIR
 PLACE OF ORIGIN.
 PROC. OF THE INST. OF RADIO ENG. 1957, VOL.45, 904-906.

CIT -63-RDR CALIFORNIA INSTITUTE OF TECHNOLOGY-REPORT NO.85-25.
 VENEZIAN G.
 RADIATION DUE TO THE RADIAL MOTION OF A CONDUCTING SPHERE
 IN A MAGNETIC FIELD.
 JUN.63 (REPORT U)
 (01772)

DASADC-63-EVM DASA DATA CENTER SR-15 (DASA-1383).
 ELF, VLF AND MAGNETIC MEASUREMENTS SYMPOSIUM PROCEEDINGS.
 JUN.63 (TITLE U) (REPORT SRD)
 (SR-15)

DASADC-63-SBP DASA DATA CENTER SPECIAL REPORT 5 (DASA 1349)
 SMALL-ROY PROGRAMS 2, 6, AND 7 PROCEEDINGS.
 JAN.63 (TITLE U) (REPORT SRD)

DASAFC-62-DSR DEFENSE ATOMIC SUPPORT AGENCY (W.L.T.)
OPERATION SUN-BEAM QUICK-LOOK REPORT SHOT SMALL-BOY.
MEASUREMENT
OCT.62 (TITLE U) (REPORT SRD) (U1718)

DASAFC-62-SBT DEFENSE ATOMIC SUPPORT AGENCY FIELD COMMAND (W.L.T.)
SMALL-BOY PRETEST ANALYSIS OPERATION SUN-BEAM. MODEL
SCALING
APR.62 (TITLE U) (REPORT SRD) (U1454)

DASAFC-62-TSM DEFENSE ATOMIC SUPPORT AGENCY FIELD COMMAND (WT-1445)
TECHNICAL SUMMARY OF MILITARY EFFECTS PROGRAMS 1-7
OPERATION PLUMBBOB. MEASUREMENTS
AUG.62 (TITLE U) (REPORT SRD) (U1423)

DASAHQ-60-CAW DEFENSE ATOMIC SUPPORT AGENCY (OATM TM 23-200)
CAPABILITIES OF ATOMIC WEAPONS. EM RADIATION
OCT.60 (TITLE U) (REPORT C) (U2042)

DASAHQ-63-EPR DEFENSE ATOMIC SUPPORT AGENCY (DASA-546)
BLANK CA
EM PULSE REQUIREMENTS EXCERPTS FROM PERTINENT DOCUMENTS.
VULNERABILITY
DEC.63 (TITLE U) (REPORT SRD) (U1816)

DRI -63-CPP DENVER RESEARCH INSTITUTE WT (POH) 2234
REND H. FOWLES HM
CORRELATION OF PRESENT AND PREVIOUS ELECTRIC FIELD
MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.9.
MAY 63 (TITLE U) (REPORT SRD) (U1466)

ECOLJ.-63-ESS ECOLLAN J. RICARD Y.
EM SIGNAL OF SUBTERRANEAN EXPLOSIONS.
COMPT. REVD. ACAD. SCI. 1963, VOL.256, P.237-39.

EG+G -61-MBP EDGERTON, GERMESHAUSEN + GRIER (EG+G ARU-61-6U)
OROURKE RC
MAGNETIC BURBLE PROBLEM.
JUN.61 (REPORT U)
(NOT AVAILABLE IN OASA DATA CENTER)

EG+GB -60-DEW EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2139)
DETECTION OF THE EM WAVE RESULTING FROM AN UNDERGROUND
NUCLEAR DETONATION LULLIPOP.
SEP.60 (TITLE U) (REPORT OUD) (U1643)

EG+GR -60-GPI EDGERTON, GERMESHAUSEN + GRIER (EG+G H-4142)
 DORRKE RC
 GENERATION PROPAGATION + DETECTION OF EM SIGNALS FROM
 UNDERGROUND NUCLEAR EXPLOSIONS
 SEP.60 (TITLE U) (REPORT DUU)
 (NOT AVAILABLE IN DASA DATA CENTER)

EG+GR -60-MEF EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2154)
 MEASUREMENT OF EM FIELD DURING EVENT.
 OCT.60 (TITLE U) (REPORT DUU) (01642)

EG+GR -61-DES EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2193)
 DETECTION OF EM SIGNALS FROM HE DETONATIONS AT HIGH
 ALTITUDES BANSHEE.
 JAN.61 (TITLE U) (REPORT DUU) (01641)

EG+GR -63-EMH EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2703) (DASA-1451)
 DORRKE CB FITZGERALD CS
 EM MEASUREMENTS DURING THE BANSHEE SERIES.
 DEC.63 (REPORT U) DA 49-146-X2-092 (02149)

EG+GR -63-EMC EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2572)
 DORRKE CB HAMILTON SR
 EM MEASUREMENTS OF CANADIAN 100 TON INT EXPLOSION.
 APR.63 (REPORT U) (NOT AVAILABLE IN DASA DATA CENTER)

EG+GR -63-ESR EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2669) (AD-347056)
 DORRKE CB HAMILTON SR MCLELLAN PE
 EM SIGNALS RESULTING FROM CHECKMATE.
 NOV.63 (REPORT SFRD) AF 33(600)-42403 (02250)

EG+GR -63-ESS EDGERTON, GERMESHAUSEN AND GRIER (EG+G B-2704) (AD-347720)
 DORRKE CB HAMILTON SR MCLELLAN PE
 THE EM SIGNALS RESULTING FROM BLUE-GILL TRIPLE PRIME
 DEC.63 (TITLE U) (REPORT SFRD) AF 33(600)-42403 (02566)

EG+GR -63-MPA EDGERTON, GERMESHAUSEN + GRIER (EG+G B-2561)
 DORRKE CB DORRKE RC
 MAGNETIC PHENOMENA ASSOCIATED WITH HIGH ALTITUDE NUCLEAR
 EXPLOSIONS.
 APR.63 (TITLE U) (REPORT SRD) (SEE DASA DATA CENTER SR-15)

EG+GR -63-PRC EDGERTON, GERMESHAUSEN + GRIER (EG+G B-2687) (DASA-1446)
 DORRKE CB FITZGERALD CS
 PRE BANSHEE CALIBRATION DETONATION.
 DEC.63 (REPORT U) DA 49-146-X2-092 (02021)

EG+GB -63-SEM EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2603) (AD-40984C)
 DORRIE CR HAMILTON SR
 SURFACE EM MEASUREMENTS ON PROJECT GNOME.
 JUN.63 (REPORT U) (C1742)

EG+GB -63-TSS EDGERTON, GERMESHAUSEN + GRIER (EG+G D-2512)
 ORCURE RC DORRIE CR CRENSON WF
 THEORETICAL AND SIMULATION STUDIES FOR THE PRODUCTION,
 PROPAGATION, AND DETECTION OF EM SIGNALS FROM UNDERGROUND
 NUCLEAR EXPLOSIONS.
 FEB.63 (TITLE U) (REPORT C) AF 33(602)-2546
 (02206)

EG+GB -64-EMS EDGERTON, GERMESHAUSEN + GRIER (EG+G R-2751)
 DORRIE CR HAMILTON SR MCLELLAN PE
 THE EM SIGNALS RESULTING FROM KING-FISH
 MAR.64 (TITLE U) (REPORT SFRD) AF 33(600)-42403
 (02539)

EG+GB -64-ERS EDGERTON, GERMESHAUSEN + GRIER (EG+G ARD-64/07C)
 EARLY HF SIGNAL DUE TO PROMPT GAMMA RADIATION FROM A NUCLEAR
 EXPLOSION.
 JUN.64 (TITLE U) (REPORT SFRD) AF 33(600)-42403
 (NOT AVAILABLE IN DASA DATA CENTER)

EG+GB -64-EST EDGERTON, GERMESHAUSEN + GRIER (EG+G R-2752)
 DORRIE CR HAMILTON SR MCLELLAN PE
 THE EM SIGNALS FROM TIGHT-ROPE
 MAR.64 AF 33(600)-42403
 (02540)

EG+GB -64-JIM EDGERTON, GERMESHAUSEN + GRIER (EG+G B-2668) AD 440102
 DORRIE CR HAMILTON SR LIMBY AM
 JOHNSTON-ISLAND WIDEBAND EM MONITORING SYSTEM.
 FEB.64 (REPORT U) AF 33(600)-42403
 (02448)

EG+GB -64-MEM EDGERTON, GERMESHAUSEN AND GRIER (EG+G R-2721)
 DORRIL CR PIFER HF
 MEASUREMENT OF EM SIGNALS DURING CHENA.
 JAN.64 (REPORT SFRD) AF 33(600)-42403
 (02538)

EG+GB -64-MES EDGERTON, GERMESHAUSEN + GRIER (EG+G R-2796) (AD-350177)
 DOBBIE CR PIFER HJ
 MEASUREMENTS OF EM SIGNALS DURING FISHER AND RINGTAIL
 APR.64 (REPORT SFRD) AF 33(600)-42403
 (02485)

EG+GB -64-SRS EDGERTON, GERMESHAUSEN + GRIER (EG+G H-2808)
 DRORKE RC DORRIE CR HAMILTON SR
 THE EM SIGNALS RESULTING FROM STAR-FISH
 MAY 64 (TITLE U) (REPORT SFRD) AF 33(600)-42403
 (NOT AVAILABLE IN DASA DATA CENTER)

EG+GLV-61-44X EDGERTON, GERMESHAUSEN + GRIER (EG+G L-476)
 MINUTEMAN HARDENED MISSILE SITE EM PROTECTION.
 DEC.60 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

EG+GLV-61-EEN EDGERTON, GERMESHAUSEN + GRIER (EG+G L-573) (DASA-1226)
 STEALSER WJ
 EM EFFECTS FROM NUCLEAR TESTS.
 APR.61 (TITLE U) (REPORT SFRU)
 (AD-323067) (JG244)

EG+GLV-61-EPM EDGERTON, GERMESHAUSEN + GRIER (EG+G L-503)
 CARDEK RM LCPHIF CH
 EM PROTECTION FOR MINUTEMAN HARDENED MISSILE SITE.
 JAN.61 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

EMPLES-62-LSL E.H.PLESSET ASSOCIATES 55508
 RICHEY F.
 LITERATURE SURVEY OF THE EM EFFECT FROM A NUCLEAR WEAPON.
 MODEL
 DEC.62 (TITLE U) (REPORT SRD)
 (01608)

GERED -63-TDP GENERAL ELECTRIC RADIATION EFFECTS OPERATION
 RULES K.
 TECHNIQUES AND DEVICES FOR THE PROTECTION OF ELECTRICAL AND
 ELECTRONIC SYSTEMS FROM LIGHTNING TRANSIENTS.
 JUN.63 (REPORT U)
 (01943)

GERED -64-EMS GENERAL ELECTRIC RADIATION EFFECTS OPERATION
 RULES RL
 EMP SIMULATION.
 1964 (REPORTS C) DA 49-146-XZ-234
 (PHASE 1 STUDY) (DASA-1444) (01931)
 (PHASE 2 STUDY) (DASA-1473) (02465)

GETEMP-63-NEH GENERAL ELECTRIC TEMPO (RM-63-TMP-37)
 AF. CAMBRIDGE RESEARCH LAB.63-921
 GARRILL R. SULLIVAN TO LEETH G.
 NUCLEAR ENVIRONMENT FOR HARD POINT DEFENSE.
 DEC.63 (TITLE U) (REPORT SRD)
 (01823)

GETEMP-63-UMT GENERAL ELECTRIC TEMPO (RM-63-TMP-33)
 DEFENSE ATOMIC SUPPORT AGENCY (DASA-1408)
 FISCHER PG
 UNDERGROUND MAGNETIC FIELD SIGNALS FROM A NEAR SURFACE BURST
 AUG.63 (TITLE U) (REPORT SFRU) DA 49-146-XZ-078
 (01670)

HRBSIN-63-ESP MRA SINGER PHASE 1 NO.356-R-3
 ECK PK FOIERAKO AH IMHOF GW
 EXPLORATORY STUDY FOR THE PREDICTION OF NUCLEAR BURST ZONE
 EFFECTS ON VLF SYSTEM.
 SEP.63 (TITLE U) (REPORT SRD) NONR-3851(00)
 (01671)

HUGHES-64-1M1 HUGHES AIRCRAFT CORP (WT) 2274
 HANSCOME TD
 INHERENT MAGNETIC FIELD MEASUREMENT OPERATION SUN-BEAM SHOT
 SMALL-BOY 6.3.
 JAN.64 (TITLE U) (REPORT SRD) (C1861)

IDA -6C-ESU INSTITUTE FOR DEFENSE ANALYSES (RESO-TR-1)
 FOLEY MM
 FM SIGNALS FROM AN UNDERGROUND EXPLOSION.
 SEP.60 (TITLE U) (REPORT C) SC-50 (C1704)

IDA -63-SLK INSTITUTE FOR DEFENSE ANALYSES (IDA RP P-16) (AD-351292)
 RAND S.
 THE SHIELDING OF LF RADIATION FROM A NUCLEAR PUKST
 MAY 63 (TITLE U) (REPORT SRD) SU-50 (C2529)

IDA -64-EPH INSTITUTE FOR DEFENSE ANALYSES
 PETERSON A.
 ELECTROMAGNETIC PULSES FROM HIGH ALTITUDE NUCLEAR EXPLOSIONS
 AND EFFECTS ON MISSILES DURING LAUNCH.
 1964 (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

IITRI -64-EPH IIT RESEARCH INSTITUTE REPORT NO. 1
 INSTON MM SIMMONS RA
 EM PULSE FROM HIGH ALTITUDE NUCLEAR EXPLOSIONS.
 1964 (TITLE U) (REPORT C) (C2524)

IITRI -64-SVE IIT RESEARCH INSTITUTE (IITRI TIC27-2)
 INSTON MM SIMMONS RA
 A STUDY OF THE VULNERABILITY OF ELECTRIC EQUIPMENT TO THE
 EMP FROM A 10 MT SURFACE EXPLOSION
 OCT.64 (TITLE U) (REPORT C) (C2656)

KAMAN -63-ESU KAMAN NUCLEAR (POR-7233) (KY-63-104-R)
 BRIDGES AP HITTNER BJ PECKHAM VD
 EM SIGNAL UNDERWATER MEASUREMENTS OPERATION DOMINIC
 FISH-BOWL 7.1.
 MAY 63 (TITLE U) (REPORT SRD) (C1503)

KOLSH -54-EWE KOLSKY H.
 EM WAVES EMITTED ON DETONATION OF EXPLOSIVES.
 NATURE, VOL.173, JAN.9, 1954, P.77. (C1493)

LASL -53-IEE LOS ALAMOS SCIENTIFIC LAB. (WT-791)
 ENGLAND RU PARTRIDGE RE
 INVESTIGATION OF EARLY ELECTROMAGNETIC SIGNALS
 (UPSHOT-KNOTHOLE 15.4. MEASUREMENTS
 NOV.53 (TITLE U) (REPORT SRD)

LASL -54-EEX LOS ALAMOS SCIENTIFIC LAB. (WT-949)
 MALIV JS MAY R.
 EM EXPERIMENTS. MEASUREMENTS
 DEC.54 (TITLE U) (REPORT SRD) (01783)

LASL -54-DEM LOS ALAMOS SCIENTIFIC LAB. (WT-426)
 ENGLAND RD
 MEASUREMENTS OF THE EARTH'S MAGNETIC AND ELECTRIC FIELDS
 OPERATION MUSTER-JANGLE 10.7.
 JAN.54 (TITLE U) (REPORT SRD) (01479)

LASL -55-FOT LOS ALAMOS SCIENTIFIC LAB. (WT-1207)
 THEORALD W.
 EM OBSERVATIONS TEAPOT 10.3
 JUN.55 (REPORT SRD) (02027)

LASL -57-EMC LOS ALAMOS SCIENTIFIC LAB. (WT-1223)
 KLOPPER RM
 EM MEASUREMENTS OPERATION TEAPOT 13.30.
 MAY 57 (TITLE U) (REPORT SRD) (01424)

LASL -58-ESL LOS ALAMOS SCIENTIFIC LAB. (LA-2173)
 BETHE HA
 EM SIGNAL EXPECTED FROM HIGH ALTITUDE TEST.
 JAN.58 (TITLE U) (REPORT SRD) W-7405-ENG.36 (00885)

LASL -59-ESB LOS ALAMOS SCIENTIFIC LAB. (LAMS-2624)
 SUYDAM RR
 EM SIGNAL FROM A BOMB BURST IN VACUO.
 59 (REPORT U) W-7405-ENG.36 (01711)

LASL -60-RFS LOS ALAMOS SCIENTIFIC LAB. (LA-2454)
 PARTRIDGE RE
 RADIO FREQUENCY SIGNALS CREATED BY NUCLEAR DETONATIONS.
 AUG.60 (TITLE U) (REPORT SRD) W-7405-ENG.36 (01691)

LASL -60-SES LOS ALAMOS SCIENTIFIC LAB. (LAMS-2476)
 SUYDAM RR
 SLOW EM SIGNALS FROM NUCLEAR EXPLOSIONS.
 OCT.60 (TITLE U) (REPORT SRD) W-7405-ENG.36 (01642)

LASL -61-CPV LOS ALAMOS SCIENTIFIC LAB. (LAMS-2610)
 SUYDAM RR
 COMPUTATIONS ON PARAMETER VALUES INSIDE OF THE EM SOURCE.
 APR.61 (REPORT U) W-7405-ENG.36 (01731)

- LASL -61-011 LOS ALAMOS SCIENTIFIC LAB. (LAMS-2655)
MALIK J.
CASTLE AND FLIGHT ELF IN SIGNALS ALBERT LOOP DATA.
JUN.61 (TITLE U) (REPORT SER.) W-7405-ENG.36 (01716)
- LASL -61-112 LOS ALAMOS SCIENTIFIC LAB. (LAMS-2656)
MALIK J.
NOTES ON EM RADIATION. MODEL WAVEFORM LOW ALTITUDE
JUN.61 (TITLE U) (REPORT SER.) W-7405-ENG.36 (01691)
- LASL -62-FMH LOS ALAMOS SCIENTIFIC LAB. (LAMS-2837)
SUDDAM BR
FIELD OF A MAGNETIC HURBLE. MODEL HIGH ALTITUDE
NOV.62 (REPORT U) (01710)
- LASL -63-NDK LOS ALAMOS SCIENTIFIC LAB. (LAMS-3019)
MALIK J. PARTRIDGE R.
OPERATION DOMINIC RADIOFLASH RECORDS. WAVEFORM
NOV.63 (TITLE U) (REPORT SER.) W-7405-ENG. 36 (02046)
- LASL -63-TSR LOS ALAMOS SCIENTIFIC LAB. (LAMS-2855) (LAMS-3033) TWO PARTS
SUDDAM BR
THEORETICAL STUDY OF THE RADIO FLASH.
MAR.63 (TITLE U) (REPORT SER.) (01791)
- LASL -64-CEE LOS ALAMOS SCIENTIFIC LAB. (LAMS-3072) (LAMS-3073)
LONGHIRE CL
CLOSE-IN EM EFFECTS
APR.64 (TITLE U) (REPORT SER.) W-7405-ENG. 36 (02488-02489)
- LASL -64-GRA LOS ALAMOS SCIENTIFIC LAB. (LA-3113-MS)
MALIK J.
GAMMA RAYS FROM ATOMIC BOMBS
MAY 64 (TITLE U) (REPORT SER.) W-7405-ENG.36 (02838)
- LEIPDI-60-PME LEIPUNSKII (I)
POSSIBLE MAGNETIC EFFECTS FROM HIGH ALTITUDE EXPLOSIONS OF
ATOMIC BOMBS.
J. EXPTL. THEORET. PHYS. (USSR) 1960, VOL. 38, 302-304.
- LRL -53-SEE CALIFORNIA UNIV. RADIATION LAB. (WT-797 FORMERLY UCRL-4202)
KRAUSE OH AIKEN WR
A SURVEY OF EM EFFECTS OPERATION UPSHOT-KNOTHOLE 15.3.
OCT.53 (TITLE U) (REPORT SER.) (01493)
- LRL -58-TEF CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UCRL-5177)
KESLEY JP
THEORY OF EM FIELD FROM GROUND-SHOT.
JUL.58 (TITLE U) (REPORT SER.) (01522)

LRL -59-ESN CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UCRL-5666-T)
 JOHNSON MH LIPPMANN BA
 EM SIGNALS FROM NUCLEAR EXPLOSIONS IN OUTER SPACE.
 AUG.59 (REPORT U) W-7405-ENG-48
 (SEE ALSO PHYSICAL REVIEW, 1960, VOL.117, P.827 (02234)

LRL -60-MFE CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UOPR-60-20-REV. 1)
 WOUTERS LF
 MAGNETIC FIELD EFFECTS FROM UNDERGROUND DETONATIONS SOME
 PRELIMINARY THOUGHTS.
 JAN.60 (REPORT U)
 (01739)

LRL -60-NMI CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UCRL-6189)
 COLGATE SA
 THE NEAR MAGNETIC INDUCTION SIGNAL FROM A NUCLEAR EXPLOSION
 DUE TO MOVEMENT OF THE EARTHS MAGNETIC FIELD.
 NOV.60 (REPORT U)
 (02119)

LRL -61-SDA CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UCRL-6671)
 COLGATE SA
 SKIN-DEPTH ANALYSIS OF EM SIGNAL FROM THE GAMMA RAYS OF A
 NUCLEAR EXPLOSION.
 OCT.61 (REPORT U) W-7405-ENG-48
 (02236)

LRL -61-TEF CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UCRL-5157-REV.)
 WESLEY JP
 THEORY OF EM FIELD FROM HIGH ALTITUDE SHOT.
 APR.61 (REPORT U) W-7405-ENG. 48
 (00711)

LRL -62-EPT CALIFORNIA UNIV. LAWRENCE RADIATION LAB. (UCRL-COPAC-62-61)
 WOUTERS LF
 EMP TEST CRITERIA.
 OCT.62 (TITLE U) (REPORT SRD)
 (01687)

LTRI -64-FSH LIGHTNING + TRANSIENTS RESEARCH INSTITUTE (L+T REPORT 421)
 ARMY. ENGINEER RESEARCH + DEVELOPMENT LABS.
 NEWMAN MM STAHMANN JR ROBB JD
 FEASIBILITY STUDY FOR HIGH POWER ELECTROMAGNETIC PULSE TEST
 FACILITY
 1964 (REPORT DUD) DA 44-009-AMC-564 (T)
 (02726)

LTV -61-ERE LING TEMCO VOUGHT (MEMO-RE-TIM-20)
 CURTIS GD
 EM RADIATION FROM EXPLOSIONS. INSTRUMENTS
 DEC.61 (REPORT U)
 (01676)

MHD -63-ACM MHD RESEARCH POR (WT)-2235
LAWRENCE RADIATION LAB
JONES MS PROUTY TP WHARTON CR
AIR CONDUCTIVITY MEASUREMENTS OPERATION SUN-BEAM SHOT
SMALL-BOY 6.11.
MAY.63 (TITLE U) (REPORT SRD)
(01531)

MITRE -61-EPS MITRE CORP (WORKING PAPER W-3858)
GREELEY RS
EM PULSE FROM A SURFACE NUCLEAR BURST.
MAY 61 (TITLE U) (REPORT SRD)
(NOT AVAILABLE IN DASA DATA CENTER)

MITRE -62-EPR MITRE CORP (ESD-TDR-63-33) (AD-335067)
AF. SYSTEMS COMMAND ELECTRONIC SYSTEMS DIVISION
GRANT PE SMITH WJ
EM PULSE (EMP) REQUIREMENTS FOR THE NORAD COC.
MAR.62 (TITLE U) (REPORT S)
(02309)

MITRE -62-ODT MITRE CORP (WORKING PAPER W-5280)
GREELEY RS ROMANO DS
DOMINIC INTERIM TEST REPORT PROJECT 6.5A. MITRE 477 PROOF
TEST. DETECTION MEASUREMENT WAVEFORM
AUG.62 (TITLE U) (REPORT SRD)
(01803)

NANMC -64-AEF NAVY. NAVAL MISSILE CENTER (POIR-2272)
BUTLER KL
AIRBORNE E-FIELD RADIATION MEASUREMENTS OF EM PULSE
PHENOMENA. LITTLE-FELLER II AND SMALL-BOY 7.16
SEP.64 (TITLE U) (REPORT S)
(02518)

NANOL -58-VSH NAVY. NAVAL ORDNANCE LAB. CORONA, CALIF. (TM-45-12)
VLF STUDIES OF HIGH ALTITUDE NUCLEAR EXPLOSIONS.
DEC.58 (TITLE U) (REPORT S)
(00882)

NANOL -63-MDE NAVY. NAVAL ORDNANCE LAB. POR (WT)-2245
SALTON FG
MAGNETIC DETECTION EQUIPMENT TEST OPERATION SUN-BEAM SHOT
SMALL-BOY 7.8.1.
OCT.63 (TITLE U) (REPORT DUD)
(01712)

NANOTS-63-EEH NAVY. NAVAL ORDNANCE TEST STATION. (NUTS TP3110) (AD-407850)
ODENCKANTZ FK
EM EFFECTS FROM HIGH ALTITUDE NUCLEAR EXPLOSIONS.
HIGH ALTITUDE MEASUREMENTS
MAY 63 (REPORT U)
(01788)

NAONR -61-SEP NAVY, OFFICE OF NAVAL RESEARCH (AD-258631)
 LARSEN MJ LATOUR MH NEWMAN MM
 STUDY OF EM PROPAGATION OF A TRANSIENT SIGNAL THROUGH SEA
 WATER.
 APR.61 (REPORT U) NOVR-580(10) NR-371-34)
 (01592)

NBS -54-RPT NATIONAL BUREAU OF STANDARDS (NBS 3C105)(AD-338547)
 MCNISH AG
 REPORT ON PROJECT T-420-E-NBS.
 SEP.54 (REPORT SRD)
 (02245)

NBS -59-GEN NATIONAL BUREAU OF STANDARDS
 GEOMAGNETIC EFFECTS OF NUCLEAR EXPLOSIONS.
 NBS TECHNICAL NEWS BULLETIN JULY 1959, VOL.43, 121-22.

NBS -63-GRD NATIONAL BUREAU OF STANDARDS
 ADVANCED RESEARCH PROJECTS AGENCY
 GROUND BASED DETECTION OF HIGH ALTITUDE NUCLEAR TESTS VELA
 SIERRA.
 MAR.63 (TITLE U) (REPORT SRD)
 (01865)

NBSCR- -DIM NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3C109)
 JEAN AG WATTS JM ANDERSON RA
 FINAL REPORT ON OPERATION IVY MEASUREMENT OF EM
 EFFECTS DURING OPERATION IVY.
 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR- -PWS NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3CB103)
 TAYLOR WL
 PLUMBBOB WAVEFORMS AND SPECTRA.
 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR- -QRP NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-5C107)
 JEAN AG
 QUARTERLY REPORT ON PROJECT T-506-E NBS FOR PERIOD ENDING
 DECEMBER 30, 1954.
 (TITLE U) (REPORT S)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR- -RWS NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3CB102)
 TAYLOR WL
 REDWING WAVEFORMS AND SPECTRA.
 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR-54-EMC NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3C102)
 JEAN AG
 EM MEASUREMENTS CONDUCTED BY THE CENTRAL RADIO PROPAGATION
 LABORATORY DURING OPERATION UPSHOT-KNOTHOLE.
 MAR.54 (TITLE U) (REPORT SRD)
 (02147)

NBSCR-54-EPI NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-5C104)
 LUPTON WH
 EM PULSE INVESTIGATION. REPORT ON PROJECT T-506-F NBS FOR
 JULY 1-SEPTEMBER 30, 1954.
 DEC.54 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR-54-MEE NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3C-106)
 KEMPER JA DOHERTY RH LUPTON WH
 MEASUREMENT OF EM EFFECTS DURING OPERATION CASTLE.
 DEC.54 (TITLE U) (REPORT SRD)
 (01703)

NBSCR-55-ORP NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3C-121)
 JEAN AG TAYLOR WL
 QUARTERLY REPORT ON PROJECT T-620-E-NBS FOR
 PERIOD ENDING 30 DECEMBER 1955.
 DEC.55 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR-59-DEM NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3CB-106)
 JEAN AG
 DIAGNOSTIC EM MEASUREMENTS AT WAKE ISLAND DURING OPERATION
 HARDTACK PHASE I.
 MAY 59 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR-59-EEH NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-3CB-105)
 KEMPER JA KENO H.
 EM EFFECTS FROM HIGH ALTITUDE DETONATIONS DURING OPERATION
 HARDTACK AND ARGUS.
 MAY 59 (TITLE U) (REPORT SRD)
 (NOT AVAILABLE IN DASA DATA CENTER)

NBSCR-63-DEM NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-1QB112)
 ADAMS JE COTTONY HV
 DESCRIPTORS = EM MEASUREMENTS NUCLEAR EXPLOSIONS
 JUN.63 (TITLE CLASSIFIED) (REPORT SRD)
 (01586)

NBSCR-64-EVM NATIONAL BUREAU OF STANDARDS BOULDER LABS (NBS-1QB116)
 TAYLOR WL
 ELF AND VLF MEASUREMENTS FISH-ROWL 1962.
 MAR.64 (TITLE U) (REPORT SFRD)
 (02185)

PERRF -60-RMF PERRIN F. DELLOVE J.
 RADIOELECTRICITY THE MAGNETIC FLASH OF THE NUCLEAR TEST OF
 FEB.13, 1960, AT REGGAN.
 COMPT. REND. ACAD. SCI. APR.4, 1960, P.2536

RAC -61-REP REPUBLIC AVIATION CORP AFSWC-TR-61-1 (11)
 AF. SPECIAL WEAPONS CENTER ROSENER H.
 RADIATIONS FROM AN EXPANDING PLASMA IN AN EXTERNAL MAGNETIC
 FIELD.
 JAN.61 (REPORT U)
 (00525)

RAND -58-SEI RAND CORP (RM-2302-ARPA)
 CRAIN CM HENNRICK KW HOFFMAN WC
 A SURVEY OF THE EM EFFECTS OF HIGH-ALTITUDE NUCLEAR
 DETONATIONS.
 DEC.58 (TITLE U) (REPORT SRD) AF 49(638)-500
 (QUICK KEY REPORT NO. 2) (00445)

RAND -61-DNL RAND CORP (P-2399)
 LAWRENCE RADIATION LAB.
 LATTER K. HERBST RF WATSON KM
 DETECTION OF NUCLEAR EXPLOSIONS.
 AUG.61 (REPORT U)
 THIS REPORT ALSO AVAILABLE IN ANNUAL REVIEWS
 OF NUCLEAR SCIENCE 1961, VOL. 11, 371-418. (02266)

RAND -61-ER7 RAND CORP (RM-2849-AFT)
 KARZAS WJ LATTER R.
 EM RADIATION FROM A NUCLEAR EXPLOSION IN SPACE.
 OCT.61 (REPORT U) (01665)

RAND -61-ESU RAND CORP (RM-2890-PR) (AD-281771)
 KARZAS WJ LATTER R.
 THE EM SIGNAL DUE TO THE EXCLUSION OF THE EARTH'S MAGNETIC
 FIELD BY NUCLEAR EXPLOSIONS.
 DEC.61 (REPORT U) (01325)

RAND -61-SCK RAND CORP (RM-2792)
 LATTER A.
 SOME CONSIDERATIONS REGARDING NUCLEAR TESTS IN THE
 ATMOSPHERE.
 JUN.61 (TITLE U) (REPORT SRD) (02012)

RAND -62-BCS RAND CORP (RM-3004-PR)
 CRAIN CM
 BURIED CABLE SYSTEMS AND NUCLEAR EM EFFECTS.
 MAR.62 (TITLE U) (REPORT S) (02011)

RAND -62-CIE RAND CORP (RM-2955-PR) (AD-337758)
 HJORKLUND RF
 CLOSE IN ELECTRIC FIELD GENERATED BY A SPHERICALLY SYMMETRIC
 NUCLEAR BURST.
 APR.62 (TITLE U) (REPORT SRD) (01512)

RAND -62-CVP RAND CORP (RM-3028-PR) (AD-341100)
 GOLDBERG PA
 ON CRITERIA OF VULNERABILITY OF PHYSICAL SYSTEMS TO NEMR THE
 EM RADIATION FROM NUCLEAR DETONATIONS.
 MAR.62 (TITLE U) (REPORT SRD) (01697)

RAND -63-AC" RAND CORP (RM-3671-PR) (AD-406462)
 KARZAS WJ LATTER R.
 AIR CONDUCTIVITY PRODUCED BY NUCLEAR EXPLOSIONS.
 MAY 63 (REPORT U) (01676)

RAND -63-ASH RAND CORP (RM-3744-PR)
 SOLLFREY W.
 AN ANALYTICALLY SOLVABLE MODEL FOR THE EM FIELDS PRODUCED BY
 NUCLEAR EXPLOSIONS.
 JUL.63 (REPORT U) (01762)

RAND -63-BDA RAND CORP (RM-3713-PR)
 LATTER R.
 BOMB DAMAGE ASSESSMENT. IHDA
 JUN.63 (TITLE U) (REPORT S) AF 49(638)-700
 (02460)

RAND -63-CEF RAND CORP (RM-3525-PR)
 SOLLFREY W.
 CLOSE IN EM FIELDS PRODUCED BY NUCLEAR EXPLOSIONS.
 APR.63 (REPORT U) (01630)

RAND -63-ESP RAND CORP (RM-3884-PR)
 KARZAS WJ LATTER R.
 EM SIGNALS PRODUCED BY LOW ALTITUDE NUCLEAR EXPLOSIONS.
 DEC.63 (REPORT U) (02131)

RAND -63-HS(RAND CORP (RM-3830-PR)
 FIELD EC
 HYDROMAGNETIC SIGNALS IN THE IONOSPHERE.
 SEP.63 (REPORT U) (01785)

RAND -63-NMW RAND CORP (RM-3736-PR)
 KARZAS WJ LATTER R.
 A NOTE ON MISSILE WARHEAD VULNERABILITY.
 JUL.63 (TITLE U) (REPORT SRD) AF 49(638)-700
 (02272)

RAND -63-RNE RAND CORP (RM-3572-ARPA) (AD-337337)
 LATTER AL MCMILLAN WC
 RECENT NUCLEAR EFFECTS TESTS AND FUTURE REQUIREMENTS.
 MAR.63 (TITLE U) (REPORT SRD) (02181)

RAND -64-CEM RAND CORP (RM-3691-PR) (AD-350160)
 BJORKLUND RF
 THE CLOSE-IN ELECTRIC AND MAGNETIC FIELDS GENERATED BY A
 SURFACE BURST
 MAY 64 (TITLE U) (REPORT SRD) AF 49(638)-700
 (02478)

RAND -64-DEK RAND CORP (RM-4306) (AD-607/88)
 KARZAS W.J. LATIFZ R
 DETECTION OF THE ELECTROMAGNETIC RADIATION FROM NUCLEAR
 EXPLOSIONS IN SPACE.
 OCT.64 (REPORT U) (02855)

RAND -64-KMK RAND CORP (RM-4134)
 GILINSKY V.
 THE KOMPANEETS MODEL FOR RADIO EMISSION FROM A NUCLEAR
 EXPLOSION.
 AUG.64 (REPORT U) (02497)

SANDIA-54-ESC SANDIA CORP
 EKLUND MK
 ELECTROMAGNETIC SIGNALS FROM CASTLE RECORDED IN ALBUQUERQUE
 DEC.54 (REPORT SRD) (02774)

SANDIA-60-VHM SANDIA CORP (SCTM 377-60-71) (KS 3423/443)
 BENNETT HA
 VULNERABILITY OF HARDENED MISSILE LAUNCH SITES TO
 ELECTROMAGNETIC RADIATION PRODUCED BY NUCLEAR DETONATION.
 DEC.60 (REPORT SFRD) (02761)

SANDIA-61-SCF SANDIA CORP (SC7251-1)
 FRAME RW
 SMALL CHARGE EM STUDIES.
 MAR.61 (REPORT U) (01845)

SANDIA-63-AEF SANDIA CORP (SCTM-248-62-54)
 LUNDQUIST D.
 AN ESTIMATE FROM THE PEAK RADIAL ELECTRIC FIELD PRODUCED BY
 A NUCLEAR EXPLOSION.
 JAN.63 (TITLE U) (REPORT CLASSIFICATION UNKNOWN)
 (NOT AVAILABLE IN DASA DATA CENTER)

SANDIA-63-EMR SANDIA CORP (SCDR-344-62)
 COOK CW
 ELECTROMAGNETIC RADIATION SUSCEPTIBILITY TEST OF THE
 B-54-D (SADM).
 FEB.63 (TITLE U) (REPORT S) (02758)

SANDIA-63-EPC SANDIA CORP POR (WT.-2230)
 FRAME RW
 EM PULSE CURRENT TRANSIENTS OPERATION SUN-BEAM SHOT
 SMALL-BOY 6.5.
 OCT.63 (TITLE U) (REPORT SRD) (01747)

SANDIA-63-IRM SANDIA CORP (SCTM-92-63-72)
 JONES RD
 EM RADIATION MEASUREMENTS ON THE FISH-BOWL SERIES.
 MAY 63 (TITLE U) (REPORT CLASSIFICATION UNKNOWN)
 (NOT AVAILABLE IN DASA DATA CENTER)

SANDIA-63-IAM SANDIA CORP (ITR-2046)
 HIGH ALTITUDE MEASUREMENTS OPERATION DOMINIC PROGRAM 32.
 JUL.63 (REPORT SRD)
 (01708)

SANDIA-63-OTM SANDIA CORP
 DOSSEY JL SIMMONS CJ
 ON THE MEASUREMENTS OF EM SIGNALS GENERATED BY THE
 DETONATION OF NUCLEAR EXPLOSIVES.
 JAN.63 (TITLE U) (REPORT CLASSIFICATION UNKNOWN)
 (NOT AVAILABLE IN DASA DATA CENTER)

SANDIA-63-RFF SANDIA CORP (SCTM 35-63-54)
 MENTZER JR
 RADIATED FIELDS FROM A SURFACE BURST.
 JAN.63 (TITLE U) (REPORT SRD)
 (01776)

SGC -62-TMS SPACE GENERAL CORP (SGC-68R-7)
 AF. ROME AIR DEVELOPMENT CENTER (RADC-TDR-63-9)
 THEORETICAL + MODEL STUDIES FOR THE PRODUCTION + PROPAGATION
 OF EM SIGNALS FROM UNDERGROUND NUCLEAR EXPLOSIONS.
 62 (TITLE U) (VOL. 1 C) (VOL. 2 U) AF 3016021-2500
 (TWO VOLS) (VOL. 1 AD335245) (VOL. 2 AD299789)
 (601581)

SGC -63-DEC SPACE GENERAL CORP (SGC 406R-1) (SGC 406R-2)
 DEVELOPMENT OF EQUIPMENT TO CONDUCT AREA SURVEY
 MEASUREMENTS OF THE EM PULSES FROM NUCLEAR EXPLOSIONS.
 INSTRUMENTS
 1963-1964 (REPORTS U) (IA 49-146-X7-236
 (FINAL REPORT 02364) (PHASE 1 -01799)

SGC -63-EEG SPACE GENERAL CORP (SGC-TM-1-23)
 STOGYRN AP
 EM ENERGY GENERATED BY A NUCLEAR EXPLOSION.
 FEB.63 (TITLE U) (REPORT SRD)
 (01651)

SGC -63-EEN SPACE GENERAL CORP (SGC-311-FR-1)
 EM EFFECTS OF NUCLEAR EXPLOSIONS.
 MAY 63 (TITLE U) (REPORT S)
 (01650)

SGC -63-NMF SPACE GENERAL CORP (RADC-TDR-63-157) (AD-347343)
 BROWN G. STOGYRN H.
 NEAR MAGNETIC FIELD GENERATED BY CLOSE COUPLED UNDERGROUND
 NUCLEAR EXPLOSIONS.
 DEC.63 (TITLE U) (REPORT C) AF 3016021-2865
 (02215)

SGC -63-DTL SPACE GENERAL CORP (SGC TM 1-22)
STIGRYN AP
ON THE EM PULSE GENERATED BY ATMOSPHERIC NUCLEAR EXPLOSIONS.
WAVEFORM MODEL
JAN.63 (TITLE U) (REPORT SRD) (01652)

SPERRY-60-FSM SPERRY GYROSCOPE (MT-1351)
AF. CAMBRIDGE RESEARCH LAB.
FIELD STRENGTH MEASUREMENT FOR ACCURATE LOCATION OF EM PULSE
SOURCES REDKING 6.10.
MAY.60 (TITLE U) (REPORT SRD) (02032)

SRI -57-101 STANFORD RESEARCH INSTITUTE (SRI PROJECT SU-1923)
SWIFT LM
INSTRUMENTAL DISTURRANCES DUE TO THE INDUCTION SIGNAL
FEB.57 (REPORT U) (01677)

SRI -60-AAN STANFORD RESEARCH INSTITUTE (AFCRG-TR-60-118)
AF. CAMBRIDGE RESEARCH CENTER
WHITSON AL
ARCTIC ATMOSPHERIC NOISE AND PROPAGATION STUDIES. PART A
ARCTIC SPERIC DATA AUGUST 1958 TO MARCH 1959. PART B THE
DETECTION OF NUCLEAR EXPLOSIONS.
FEB.60 (PART A UNCLASSIFIED PART B SRD) (C2560)

SRI -62-ESF STANFORD RESEARCH INSTITUTE (POIR-2233)
WHITSON AL
EARTHS STATIC FIELD MFASUREMENTS OPERATION SUN-BEAM SHOT
SMALL-HOY 6.8.
SEP.62 (TITLE U) (REPORT SRD) (01120)

STL -57-SNB SPACE TECHNOLOGY LABS. (LV-60-AB00-03393)
TAYLOR WL
SAMPLE NBS REDWING RECORDS.
MAR.57 (TITLE U) (REPORT SRD) (NOT AVAILABLE IN DASA DATA CENTER)

STL -58-SNB SPACE TECHNOLOGY LABS. (LS-61-AB00-11600)
TAYLOR WL
SAMPLE NBS PLUMBBOB RECORDS.
MAR.58 (TITLE U) (REPORT SRD) (NOT AVAILABLE IN DASA DATA CENTER)

STL -60-ECH SPACE TECHNOLOGY LABS. (STL-TM-60-0000-06575)
PIUGSLEY DW
EM CRITERIA FOR HARDENED MINUTEMAN FACILITIES.
JUL.60 (TITLE U) (REPORT SRD) (NOT AVAILABLE IN DASA DATA CENTER)

STL -60-FHA SPACE TECHNOLOGY LABS. (STL-TM-60-0000-06578)
EM HARDENING CRITERIA FOR CABLES AND LINES ENTERING
MINUTEMAN FACILITIES.
AUG.60 (TITLE U) (REPORT SRD)
(NOT AVAILABLE IN DASA DATA CENTER)

STL -60-FHC SPACE TECHNOLOGY LABS. (STL-TM-60-0000-06581)
PUGSLEY DW
EM HARDENING CRITERIA FOR MINUTEMAN EQUIPMENT.
NOV.60 (TITLE U) (REPORT SRD)
(SUPERCEDES GM-06577) (NOT AVAILABLE IN DASA DATA CENTER)

STL -60-EHA SPACE TECHNOLOGY LABS. (STL-TM-60-0000-06576)
PUGSLEY DW
EM HARDENING OF MINUTEMAN MAGNETIC FIELDS.
AUG.60 (TITLE U) (REPORT SRD)
(NOT AVAILABLE IN DASA DATA CENTER)

STL -60-IEF SPACE TECHNOLOGY LABS. (STL-TM-60-0000-09027) (AD-338059)
CAKTEK CJ JONES JT
DESCRIPTION OF EM FLASH PHENOMENA.
APR.60 (TITLE U) (REPORT SRD)
(02359)

STL -60-PHM SPACE TECHNOLOGY LABS. (STL-GM-60-0000-29338 (AD-338848)
CRICKMAY CJ HANSEY RC WALQUIST RL
PROTECTION OF HARDENED MISSILE SYSTEMS AGAINST THE EM PULSE
PRODUCED BY A NUCLEAR DETONATION.
MAY 60 (TITLE U) (REPORT SRD)
(01670)

STL -61-ERA SPACE TECHNOLOGY LABS. (STL-6101-6055G0000 (AD-342426)
SUSSHILZ R.
CONCLUSIONS AND RECOMMENDATIONS OF THE STL AD HOC PANEL ON
EM RADIATION.
DEC.61 (TITLE U) (REPORT SRD)
(02405)

STL -61-ERM SPACE TECHNOLOGY LABS. (STL-LS-61-0000-36778-J-13-373)
MALIK J.
EM RADIATION MECHANISM.
JUL.61 (TITLE U) (REPORT SRD)
(NOT AVAILABLE IN DASA DATA CENTER)

STL -61-PIW SPACE TECHNOLOGY LABS. (STL-GM-61-0000-36847)
PROTECTION OF ICBM WEAPON SYSTEMS AGAINST EM EFFECTS.
MAY 61 (TITLE U) (REPORT SRD)
(01688)

STL -64-EPT SPACE TECHNOLOGY LABS (BSD-TDR-64-115) (AD-444316)
AF. BALLISTIC SYSTEMS DIV.
ARNUSH U.
THE ELECTROMAGNETIC PULSE FROM A THERMONUCLEAR DEVICE
EXPLODED IN A UNIFORM ATMOSPHERE
JUL.64 (REPORT U) AF 04(694)-537
(02597)

STL -64-ODE SPACE TECHNOLOGY LABS (6443-6039-TU-000)
 MQLMU) P.
 ON DETERMINING THE ELECTRIC AND MAGNETIC FIELDS WITHIN A
 BURIED COMPLEX DUE TO A NEARBY NUCLEAR EXPLOSION
 AUG.64 (REPORT U) AF 04(694)-537
 (ALL DISTRIBUTION OF THIS REPORT IS CONTROLLED.
 QUALIFIED DDC USERS SHALL REQUEST THROUGH TRM SPACE
 TECHNOLOGY LABS, ONE SPACE PARK, REDONDO BEACH, CALIF
 (02700)

TAKAT -55-RMR TAKAKURA T.
 RADIO NOISE RADIATED ON THE DETONATION OF EXPLOSIVES.
 A.S.JAPAN 1955, VOL. 7, 210.
 (NOT AVAILABLE IN DASA DATA CENTER)

UCIG -52-AEP CALIFORNIA UNIVERSITY. INSTITUTE OF GEOPHYSICS
 HOLZER RE
 ATMOSPHERIC ELECTRICAL PHENOMENA IN THE VICINITY OF NUCLEAR
 FISSION EXPLOSIONS.
 AUG.52 (TITLE U) (REPORT S) AF-19(122)254
 (NOT AVAILABLE IN DASA DATA CENTER)

UCIG -58-ELF CALIFORNIA UNIVERSITY. INSTITUTE OF GEOPHYSICS (AD-338629)
 HOLZER RE TEPLY L.
 EXTREMELEY LOW FREQUENCY EM SIGNALS FROM NUCLEAR EXPLOSIONS.
 SEP.58 (REPORT SRD) AF 19(604)-1300
 (AFCRC-TN-58-268) (02243)

URS -64-SDE UN RESEARCH SERVICES (URS 192-6) (DASA-1526)
 SPI. RIFT EFFECTS HANDBOOK
 SEP.64 (TITLE U) (REPORT SRD) DA 49-146-X2-122
 (02664)

USGS -62-EPE U.S. GEOLOGICAL SURVEY
 KELLER GV
 ELECTRICAL PROPERTIES OF THE EARTHS CRUST. ELECTROMAGNETIC
 SIGNALS OBSERVED DURING THE NOUGAT TEST SERIES FROM
 SEVERAL UNDERGROUND EXPLOSIONS, PT. 3. EMPHASIS ON THE
 DETECTION OF UNDERGRIUND NUCLEAR EXPLOSIONS, TECHNICAL
 SUMMARY.
 62-63 (REPORTS U) (PT.3-01786)
 (TECHNICAL SUMMARY JUL-DEC 62 AD-422446)(02638)

USGS -63-SCM U.S. GEOLOGICAL SURVEY POR (WT) 2232
 SCOTT JH BLACK RA
 SOIL CONDUCTIVITY MEASUREMENTS OPERATION SUN-BEAM SHOT
 SMALL-BOY 6.7.
 MAY 63 (TITLE U) (REPORT C)
 (01533)

USSR -55-LFE U.S.S.R. ACADEMY OF SCIENCES
 BORODINA SV ALPERT IL
 LOW FREQUENCY EM WAVE PROPAGATION OVER THE SURFACE OF THE
 EARTH. INVESTIGATION OF THE PROPAGATION OF LONG AND VERY
 LONG RADIO WAVES BY THE METHOD OF ANALYZING THE SHAPE OF
 ATMOSPHERICS.
 1955. (REPRINT-RADIOTEKHNIKA I ELEKTRONIKA
 VOL.1, NO.3, 1956, P.293-308) (01753)

USSR -5R-REA U.S.S.R. ACADEMY OF SCIENCES INSTITUTE FOR CHEMICAL PHYSICS
KOMPANETS AS
RADIO EMISSION FROM AN ATOMIC EXPLOSION.
1958. (REPRINT-JOURNAL OF EXPERIMENTAL AND
THEORETICAL PHYSICS (USSR) V.35, 1959,
P. 1076-1080.

(02312)

PART TWO
KEY-WORD-IN-CONTEXT (KWIC) INDEX

This is an index to the bibliography listing in Part One. In this section, key words found in the titles of the reports are alphabetically arranged and listed along with the context, that is those words that accompany the key word in the title. The key word may be found about one third of the way across the line of type. The line of type is ended with an alpha numeric code that indicates the place in Part One, the bibliography listing in which the complete reference may be found.

KWIC INDEX

S ON MILITARY SYSTEMS=	ABSTRACTS OF SYMPOSIUM ON EMP EFFECT	AFESD -64-ASE
TRENGTH MEASUREMENT FOR	ACCURATE LOCATION OF EM PULSE SOURCE	SPERRY-60-FSM
COMMUNICATIONS OF THE STL	AD HOC PANEL ON EM RADIATION.= CONCL	STL -61-ERA
TECHING CENTER SHIELDING	AGAINST ATMOSPHERIC INDUCTION.= SWI	BTL -63-SCS
OF ICBM WEAPON SYSTEMS	AGAINST EM EFFECTS.= PROTECTION	STL -61-PIW
HARDENED MISSILE SYSTEMS	AGAINST THE EM PULSE PRODUCED BY A N	STL -60-PHM
M SHOT SMALL-BOY 6.11.=	AIR CONDUCTIVITY MEASUREMENTS OPERAT	MHO -63-ACM
	EXPLOSIONS.= AIR CONDUCTIVITY PRODUCED BY NUCLEAR	RAND -63-ACP
GENETIC PULSE EFFECTS ON	AIR FORCE SYSTEMS= ELECTROMA	AFSC -64-EPE
CLEAR WEAPON EFFECTS ON	AIR-FORCE SYSTEMS.= SYSTEMS APPLICAT	AFSC -63-SAN
OPERATION REDWING 6.4.=	AIRBORNE ANTENNAS + PHOTOTUBES FOR D	ADVIND-59-AAP
II AND SMALL-BOY 7.16=	AIRBORNE E-FIELD RADIATION MEASUREME	NANMC -64-AEF
D TEAPOT ELF EM SIGNALS	ALBERT LOOP DATA.= CASTLE AN	LASL -61-CTE
FROM CASTLE RECORDED IN	ALBUQUERQUE= ELECTROMAGNETIC SIGNALS	SANDIA-54-ESC
.= EM EFFECTS FROM HIGH	ALTITUDE DETONATIONS DURING OPERATIO	NBSCR-59-EEH
NETIC EFFECTS FROM HIGH	ALTITUDE EXPLOSIONS OF ATOMIC BOMBS.	LEIPOI-60-PME
UCLEAR EXPLOSIONS. HIGH	ALTITUDE MEASUREMENTS= EM EFFECTS FR	NANOTS-63-EEH
NIC PROGRAM 32.= HIGH	ALTITUDE MEASUREMENTS OPERATION DOMI	SANDIA-63-HAM
AN EM PULSE FROM A HIGH	ALTITUDE NUCLEAR EXPLOSION.= RECEPTI	BOEING-62-REP
NA ASSOCIATED WITH HIGH	ALTITUDE NUCLEAR EXPLOSION.= MAGNET	EG+GB -63-MPA
GENETIC PULSES FROM HIGH	ALTITUDE NUCLEAR EXPLOSIONS AND EFFE	IDA -64-EPH
EM PULSE FROM HIGH	ALTITUDE NUCLEAR EXPLOSIONS.=	IITRI -64-EPH
VLF STUDIES OF HIGH	ALTITUDE NUCLEAR EXPLOSIONS.=	NANOL -58-VSH
S= EM EFFECTS FROM HIGH	ALTITUDE NUCLEAR EXPLOSIONS. HIGH AL	NANOTS-63-EEH
BASED DETECTION OF HIGH	ALTITUDE NUCLEAR TESTS VELA SIERRA.=	NBS -63-GBD
SIGNALS PRODUCED BY LOW	ALTITUDE NUCLEAR EXPLOSIONS.= EM	RAND -63-ESP
Y OF EM FIELD FROM HIGH	ALTITUDE SHOT.= THEOR	LRL -61-TEF
GNAL EXPECTED FROM HIGH	ALTITUDE TEST.= EM SI	LASL -58-ESE
NUCLEAR EXPLOSION. LOW	ALTITUDE.= THEORETICAL STUDY OF THE	AERONU-63-TSE
TIC BUBBLE. MODEL HIGH	ALTITUDE= FIELD OF A MAGNE	LASL -62-FMB
ON. MODEL WAVEFORM LOW	ALTITUDE= NOTES ON EM RADIATI	LASL -61-NER
THE DETONATIONS AT HIGH	ALTITUDES BANSHEE.= DETECTION OF EM	EG+GB -61-DES
6.7.= MEASUREMENTS AND	ANALYSIS OF ELECTROMAGNETIC RADIATIO	ARSEL -56-MAE
EXPLOSION.= SKIN-DEPTH	ANALYSIS OF EM SIGNAL FROM THE GAMMA	LRL -61-SDA
THE LOWER ATMOSPHERE.=	ANALYSIS OF THE EM EFFECTS OF A NUCL	ATC -63-AEE
LING= SMALL-BOY PRETEST	ANALYSIS OPERATION SUN-BEAM. MODEL	DASAF-62-SBT
NUCLEAR EXPLOSIONS.= AN	ANALYTICALLY SOLVABLE MODEL FOR THE	RAND -63-ASM
WAVES BY THE METHOD OF	ANALYZING THE SHAPE OF ATMOSPHERICS.	USSR -55-LFE
REDWING 6.4.= AIRBORNE	ANTENNAS + PHOTOTUBES FOR DETERMINAT	ADVIND-59-AAP
MPUTER-COMPONENTS CABLE	ANTENNAS= PRAGMATIC INSTRUMENTAL MEA	AFWL -63-PIM
FORCE SYSTEMS.= SYSTEMS	APPLICATIONS OF NUCLEAR TECHNOLOGY.	AFSC -63-SAN
OF NUCLEAR EXPLOSIONS.=	ARCTIC ATMOSPHERIC NOISE AND PROPAGA	SRI -60-AAN
AGATION STUDIES. PART A	ARCTIC SPHERIC DATA AUGUST 1958 TO MA	SRI -60-AAN
OF EQUIPMENT TO CONDUCT	AREA SURVEY MEASUREMENTS OF THE EM P	SGC -63-DEC
59. DETECTION= PROJECT	ARGUS REPORT OF THE SECOND WORKING G	ADPRA -59-PAR
OPERATION HARDTACK AND	ARGUS. EM EFFECTS FROM HIGH ALTITUD	NBSCR-59-EEH
BOMB DAMAGE	ASSESSMENT. IBDA=	RAND -63-BDA
NS.= MAGNETIC PHENOMENA	ASSOCIATED WITH HIGH ALTITUDE NUCLEA	EG+GB -63-MPA
EXPLOSION IN THE LOWER	ATMOSPHERE.= ANALYSIS OF THE EM EFFE	ATC -63-AEE
NG NUCLEAR TESTS IN THE	ATMOSPHERE.= SOME CONSIDERATIONS REG	RAND -61-SCR
E EXPLODED IN A UNIFORM	ATMOSPHERE= THE ELECTROMAGNETIC PULS	STL -64-EPT
AR FISSION EXPLOSIONS.=	ATMOSPHERIC ELECTRICAL PHENOMENA IN	UCIG -52-AEP
ENTER SHIELDING AGAINST	ATMOSPHERIC INDUCTION.= SWITCHING C	BTL -63-SCS
EAR EXPLOSIONS.= ARCTIC	ATMOSPHERIC NOISE AND PROPAGATION ST	SRI -60-AAN
E EM PULSE GENERATED BY	ATMOSPHERIC NUCLEAR EXPLOSIONS. WAVE	SGC -63-OTE
BETWEEN THE CHARACTER OF	ATMOSPHERICS AND THEIR PLACE OF ORIG	CHAPJ -57-RCA
ANALYZING THE SHAPE OF	ATMOSPHERICS.= LFW FREQUENCY EM WAVE	USSR -55-LFE

ALTIMITUDE EXPLOSIONS OF ATOMIC BOMBS.= POSSIBLE MAGNETIC EFFECTS FROM ATOMIC BOMBS.=	LEIPOI-60-PME
ROMAGNETIC EFFECTS FROM ATOMIC EXPLOSIONS. TUMBLER-SNAPPER 7	LASL -64-GRA
RADIO EMISSION FROM AN ATOMIC EXPLOSION.=	AFOAT -53-EEA
CAPABILITIES OF ATOMIC WEAPONS. EM RADIATION=	USSR -58-REA
RT A ARCTIC SPHERIC DATA AUGUST 1958 TO MARCH 1959. PART B TH	DASAHQ-60-CAW
CLEAR TESTS IN FEBRUARY AUGUST 1962.= HARD COMMUNICATIONS SY	SRI -60-AAM
958 TO MARCH 1959. PART B THE DETECTION OF NUCLEAR EXPLOSION	BTL -62-HCS
CEPTIBILITY TEST OF THE B-54-U (SADM).= ELECTROMAGNETIC RADIATION	SRI -60-AAN
EFFECTS MEASUREMENTS. BACKSWING 2.1= TRANSIENT RADIATION	SANDIA-63-EMK
PRE BANSHEE CALIBRATION DETONATION.=	AFWL -65-TRE
MEASUREMENTS DURING THE BANSHEE SERIES.= EM	EG+GB -63-PBC
TIONS AT HIGH ALTITUDES BANSHEE.= DETECTION OF EM SIGNALS FROM	EG+GB -63-EMK
TS VELA SIERRA.= GROUND BASED DETECTION OF HIGH ALTITUDE NUC	EG+GB -61-DES
6.1A.= SHORT BASELINE NAKOL MEASUREMENTS REDWING	NBS -63-GBU
H MEASUREMENTS AT NORTH BAY ONTARIO.= FIELD STRENGTH	AFCL -59-SBY
APON DETONATIONS.= TIME BEHAVIOR OF THE EARLY GAMMA RADIATION	BTL -63-FSM
E OF ORIGIN.= RELATIONS BETWEEN THE CHARACTER OF ATMOSPHERIC	BOEING-63-TRE
EM PULSE BIBLIOGRAPHY=	CHAPJ -57-RCA
SIGNALS RESULTING FROM BLUE-GILL TRIPLE PRIME= THE EM	AERONU-64-EPB
EM SIGNAL FROM A BOMB BURST IN VACUO.=	EG+GB -63-ESS
DE EXPLOSIONS OF ATOMIC BOMB DAMAGE ASSESSMENT. IBDA=	LASL -59-ESB
GAMMA RAYS FROM ATOMIC BOMBS.= POSSIBLE MAGNETIC EFFECTS FROM	RAND -63-BDA
NS SYSTEMS A SUMMARY OF BOMBS.=	LEIPOI-60-PME
MAGNETIC BTL AND SANDIA CORPORATIVE PARTICIPATION	LASL -64-GRA
FIELD OF A MAGNETIC BUBBLE PROBLEM.=	BTL -62-HCS
NG TESTS ON SCALE MODEL BUBBLE. MODEL HIGH ALTITUDE=	EG+G -61-MBP
EFFECTS.= BURIED CABLE SYSTEMS AND NUCLEAR EM	LASL -62-FMB
MAGNETIC FIELDS WITHIN A BURIED COMPLEX DUE TO A NEARBY NUCLE	BTL -63-SST
EM SIGNAL FROM A BOMB BURST IN VACUO.=	RAND -62-BCS
E PREDICTION OF NUCLEAR BURST ZONE EFFECTS ON VLF SYSTEM.= E	STL -64-DDE
CALLY SYMMETRIC NUCLEAR BURST.= CLOSE IN ELECTRIC FIELD GENERATION	LASL -59-ESB
FROM A SURFACE NUCLEAR BURST.= EM PULSE	HRBSIN-63-ESP
D FIELDS FROM A SURFACE BURST.= RADIATION	RAND -62-CIE
DS CREATED BY A NUCLEAR BURST= EM FIELD	MITRE -61-EPB
GENERATED BY A SURFACE BURST= THE CLOSE-IN ELECTRIC AND MAG	SANDIA-63-RFF
RADIATION FROM A NUCLEAR BURST= THE SHIELDING OF LF R.	BAT -64-EFC
ALS FROM A NEAR SURFACE BURST= UNDERGROUND MAGNETIC FIELD SI	RAND -64-CEM
M PULSES FROM LOW YIELD BURSTS OPERATION HARDTACK.= E	IDA -63-SLR
ELECTRIC FIELDS OPERATION BUSTER-JANGLE 10.7.= MEASUREMENTS OF	GETEMP-63-UMF
ITY COMPUTER-COMPONENTS CABLE ANTENNAS= PRAGMATIC INSTRUMENT	ARSRDL-60-EPL
= BURIED CABLE LOOP MEASUREMENTS.=	LASL -54-MEM
HARDENING CRITERIA FOR CABLE SYSTEMS AND NUCLEAR EM EFFECTS	AFWL -63-PIM
CRITERIA. VULNERABILITY CABLES AND LINES ENTERING MINUTEMAN	AFWL -63-CLM
EFFECT ON COMMUNICATION CABLES MINUTEMAN= NUCLEAR WEAPONS EFFECTS	RAND -62-BCS
ATIONS ON COMMUNICATION CABLES OF THE EM PULSE GENERATED BY	STL -60-EHA
M A NUCLEAR EXPLOSION.= CALCULATIONS OF THE EARLY HISTORY OF	AFBSO -63-NWE
PRE BANSHEE CALIBRATION DETONATION.=	BTL -64-ECC
EM RADIATION CALIBRATION OPERATION CASTLE 7.1.=	BTL -63-IGC
EM MEASUREMENTS OF CANADIAN 100 TON TNT EXPLOSION.=	BTL -62-CEH
RADIATION= CAPABILITIES OF ATOMIC WEAPONS. EM	EG+GB -63-PBC
ERT LOOP DATA.= CASTLE AND TEAPOT ELF EM SIGNALS ALB	AFOAT -54-ERC
ROMAGNETIC SIGNALS FROM CASTLE RECORDED IN ALBUQUERQUE= ELEC	EG+GB -63-EMC
N CALIBRATION OPERATION CASTLE 7.1.= EM RADIATION	DASAHQ-60-CAW
EFFECTS DURING OPERATION CASTLE.= MEASUREMENT OF EM E	LASL -61-CTE
INDUCTION.= SWITCHING CENTER SHIELDING AGAINST ATMOSPHERIC	SANDIA-54-ESC
EXPERIMENTS CONDUCTED BY THE CENTRAL RADIO PROPAGATION LABORATORY	AFOAT -54-ERC
= RELATIONS BETWEEN THE CHARACTER OF ATMOSPHERICS AND THEIR	NBSCR-54-MEE
	BTL -63-SCS
	NBSCR-54-EMC
	CHAPJ -57-RCA

9.3.= RF CHARACTERISTICS OF EM RADIATION IV	ARSEL -58-CER
SMALL CHARGE EM STUDIES.=	SANDIA-61-SCE
SIGNALS RESULTING FROM CHECKMATE.= EM	EG+GB -63-ESK
NT OF EM SIGNALS DURING CHEVA.= MEASUREMENT	EG+GB -64-MEM
ETIC FIELD GENERATED BY CLOSE COUPLED UNDERGROUND NUCLEAR EX	SGC -63-NMF
MMETRIC NUCLEAR BURST.= CLOSE IN ELECTRIC FIELD GENERATED BY	RAND -62-CIE
AR EXPLOSIONS.= CLOSE IN EM FIELDS PRODUCED BY NUCLE	RAND -63-CEF
DESCRIPTORS = CLOSE-IN EFFECTS. EMP PROCESSES=	ATC -64-CIE
CHNIQUES= EVALUATION OF CLOSE-IN ELECTRIC FIELD MEASUREMENT	BOEING-64-ECE
BY A SURFACE BURST= THE CLOSE-IN ELECTRIC AND MAGNETIC FIELD	RAND -64-CEM
	LASL -64-CEE
UIREMENTS FOR THE NORAD COC.= EM PULSE (EMP) REQ	MITRE -62-EPR
NATIONS.= COHERENT RADIATION FROM NUCLEAR DETO	ATC -61-CRY
MAGNETIC SURGE TESTS AT COLORADO SPRINGS.=	HTL -63-MST
Y NUCLEAR EXPLOSIONS ON COMMUNICATION CABLES SURVEY OF POSSI	BTL -63-IGC
DETONATION.= EFFECT ON COMMUNICATION CABLES OF THE EM PULSE	BTL -64-ECC
PROTECTION OF TACTICAL COMMUNICATION SYSTEMS= ELECTRICAL	BTL -58-EPT
UARY AUGUST 1962.= HARD COMMUNICATIONS SYSTEMS A SUMMARY OF	BTL -62-HCS
FIELDS WITHIN A BURIED COMPLEX DUE TO A NEARBY NUCLEAR EXPL	STL -64-DDE
UREMENT OF THE MAGNETIC COMPONENT OF EM FIELD NEAR A NUCLEAR	ARHDL -62-MMC
IDE OF THE EM SOURCE.= COMPUTATIONS ON PARAMETER VALUES INS	LASL -61-CPV
-BOY 7.1. VULNERABILITY COMPUTER-COMPONENTS CABLE ANTENNAS=	AFWL -63-PIM
PANEL ON EM RADIATION.= CONCLUSIONS AND RECOMMENDATIONS OF T	STL -61-ERA
LOPMENT OF EQUIPMENT TO CONDUCT AREA SURVEY MEASUREMENTS OF	SGC -63-DEC
THOLE.= EM MEASUREMENTS CONDUCTED BY THE CENTRAL RADIO PROP	NBSCR-54-EMC
IC FIELDS INTO A HOLLOW CONDUCTING CYLINDER.= PENETRATION OF	ARHDL -62-PTM
THE RADIAL MOTION OF A CONDUCTING SPHERE IN A MAGNETIC FIEL	CIT -63-RDR
OT SMALL-BOY 6.11.= AIR CONDUCTIVITY MEASUREMENTS OPERATION	MHD -63-ACM
OT SMALL-BOY 6.7.= SOIL CONDUCTIVITY MEASUREMENTS OPERATION	USGS -63-SCM
LOSIONS.= AIR CONDUCTIVITY PRODUCED BY NUCLEAR EXP	RAND -63-ACP
N THE ATMOSPHERE.= SOME CONSIDERATIONS REGARDING NUCLEAR TES	RAND -61-SCR
RADIATION FROM SURFACE CONTACT NUCLEAR WEAPON DETONATIONS.=	BOEING-63-TRE
MMARY OF BTL AND SANDIA CORPORATIVE PARTICIPATION ON NUCLEAR	BTL -62-HCS
AM SHOT SMALL-BOY 6.9.= CORRELATION OF PRESENT AND PREVIOUS	DRI -63-CPP
IELD GENERATED BY CLOSE COUPLED UNDERGROUND NUCLEAR EXPLOSI	SGC -63-NMF
EM FIELDS CREATED BY A NUCLEAR BURST=	BAT -64-EFC
RADIO FREQUENCY SIGNALS CREATED BY NUCLEAR DETONATIONS.=	LASL -60-RFS
CILITIES.= EM HARDENING CRITERIA FOR CABLES AND LINES ENTERI	STL -60-EHA
LITIES.= EM CRITERIA FOR HARDED MINUTEMAN FACI	STL -60-ECH
EM HARDENING CRITERIA FOR MINUTEMAN EQUIPMENT.=	STL -60-EHC
UCLEAR DETONATIONS.= ON CRITERIA OF VULNERABILITY OF PHYSICA	RAND -62-CVP
NUCLEAR WEAPONS EFFECTS CRITERIA. VULNERABILITY CABLES MINU	AFRSD -63-NWE
EMP TEST CRITERIA.=	LRL -62-EPT
ROPERTIES OF THE EARTHS CRUST. ELECTROMAGNETIC SIGNALS OBSER	USGS -62-EPE
ALL-BOY 6.5.= EM PULSE CURRENT TRANSIENTS OPERATION SUN-BEA	SANDIA-63-EPC
CTION AND GENERATION OF CURRENTS AND VOLTAGES BY NUCLEAR EXP	BTL -63-IGC
NTO A HOLLOW CONDUCTING CYLINDER.= PENETRATION OF TRANSIENT	ARHDL -62-PTM
BOMB DAMAGE ASSESSMENT. IRDA=	RAND -63-BDA
S. PART A ARCTIC SPHERIC DATA AUGUST 1958 TO MARCH 1959. PART	SRI -60-AAN
NUCLEAR EFFECTS DATA FOR SAGE SURVIVABILITY.=	AFWL -63-NED
PROMPT EM PULSE DATA PROJECT DELTA GAMMA.=	AGA -63-PEP
EM SIGNALS ALBERT LOOP DATA.= CASTLE AND TEAPOT ELF	LASL -61-CTE
BS FOR PERIOD ENDING 30 DECEMBER 1955.= QUARTERLY REPORT ON	NBSCR-55-QRP
E NBS FOR PERIOD ENDING DECEMBER 30, 1954.= QUARTERLY REPORT	NBSCR- -QRP
IRONMENT FOR HARD POINT DEFENSE.= NUCLEAR ENV	GETEMP-63-NEH
T EM PULSE DATA PROJECT DELTA GAMMA.= PROMP	AGA -63-PEP
	STL -60-IEF
ICAL MODELS + EMPIRICAL DESCRIPTION OF EM FLASH PHENOMENA.=	BTL -62-EMP
PROCESSES= DESCRIPTIONS = CLOSE-IN EFFECTS. EMP	ATC -64-CIE
R EXPLOSIONS= DESCRIPTIONS = EM MEASUREMENTS NUCLEA	NBSCR-63-DEM

LL-BOY 7.8.1.= MAGNETIC DETECTION EQUIPMENT TEST OPERATION S	NANOL -63-MDE
. MITRE 477 PROOF TEST. DETECTION MEASUREMENT WAVEFORM= DOMI	MITRE -62-ODT
NERATION PROPAGATION + DETECTION OF EM SIGNALS FROM UNDERGR	EG+GB -63-GPD
IGH ALTITUDES BANSHEE.= DETECTION OF EM SIGNALS FROM HE DETO	EG+GB -61-DES
CTION, PROPAGATION, AND DETECTION OF FM SIGNALS FROM UNDERGR	EG+GB -63-TSS
A SIERRA.= GROUND BASED DETECTION OF HIGH ALTITUDE NUCLEAR T	NBS -63-GBD
	RAND -61-DNE
MARCH 1959. PART B THE DETECTION OF NUCLEAR EXPLOSIONS.= AR	SRI -60-AAN
R DETONATION LOLLIPOP.= DETECTION OF THE EM WAVE RESULTING F	EG+GB -60-DEW
R EXPLOSIONS IN SPACE.= DETECTION OF THE ELECTROMAGNETIC RAD	RAND -64-DEK
PT. 3. EMPHASIS ON THE DETECTION OF UNDERGROUND NUCLEAR EXP	USGS -62-EPC
FROM NUCLEAR DETONATION. DETECTION= MEMORANDUM REPORT ON EM P	ARSKDL-62-MKE
ROUP AT LRL FEB 1959. DETECTION= PROJECT ARGUS REPORT OF T	ADSPA -59-PAR
TENNAS + PHOTOTUBES FOR DETERMINATION OF NUCLEAR WEAPON YIEL	ADVINDU-59-AAP
Y NUCLEAR EXPLOSION= ON DETERMINING THE ELECTRIC AND MAGNETI	STL -64-ODE
XPLOSIONS. INSTRUMENTS= DEVELOPMENT OF EQUIPMENT TO CONDUCT	SGC -63-DEC
M PULSE INSTRUMENTATION DEVELOPMENT OPERATION FERRIS-WHEEL 6	AFWL -63-EPI
CRIMINATOR RESEARCH AND DEVELOPMENT PROGRAM.= SFERICS DIS	ATC -63-SDR
SE FROM A THERMONUCLEAR DEVICE EXPLODED IN A UNIFORM ATMOSPH	STL -64-EPT
SIENTS.= TECHNIQUES AND DEVICES FOR THE PROTECTION OF ELECTR	GEREO -63-TOP
TION HARDTACK PHASE I.= DIAGNOSTIC EM MEASUREMENTS AT WAKE I	NBSCR-59-DEM
NT PROGRAM.= SFERICS DISCRIMINATOR RESEARCH AND DEVELOPME	ATC -63-SDR
GNAL= INSTRUMENTAL DISTURBANCES DUE TO THE INDUCTION SI	SRI -57-IDI
EXCERPTS FROM PERTINENT DOCUMENTS. VULNERABILITY= EM PULSE R	DASAO-63-EPR
MEASUREMENTS OPERATION DOMINIC FISH-BOWL 7.1.= EM SIGNAL UN	KAMAN -63-ESU
N MEASUREMENT WAVEFORM= DOMINIC INTERIM TEST REPORT PROJECT	MITRE -62-ODT
MEASUREMENTS OPERATION DOMINIC PROGRAM 32.= HIGH ALTITUDE	SANDIA-63-HAM
= OPERATION DOMINIC RADIOFLASH RECORDS. WAVEFORM	LASL -63-ODK
SPIN DRIFT EFFECTS HANDBOOK=	URS -64-SDE
E-FIELD RADIATION MEASUREMENTS OF EM	NANMC -64-AEF
EARLY ELECTROMAGNETIC SIGNALS UPSHOT	LASL -53-IEE
EARLY GAMMA RADIATION FROM SURFACE C	BOEING-63-TBE
EARLY HISTORY OF THE RADIAL ELECTRIC	BTL -62-CEH
EARLY RF SIGNAL DUE TO PROMPT GAMMA	EG+GB -64-ERS
EARTH. INVESTIGATION OF THE PROPAGAT	USSR -55-LFE
EARTH'S CRUST. ELECTROMAGNETIC SIGNAL	USGS -62-EPE
EARTH'S MAGNETIC AND ELECTRIC FIELDS	LASL -54-MEM
EARTH'S MAGNETIC FIELD.= THE NEAR MAG	LRL -60-NMI
EARTH'S MAGNETIC FIELD BY NUCLEAR EXP	RAND -61-ESD
EARTH'S STATIC FIELD MEASUREMENTS OPE	SRI -62-ESF
ELECTRIC AND MAGNETIC FIELDS GENERAT	RAND -64-CEM
ELECTRIC AND MAGNETIC FIELDS WITHIN	STL -64-ODE
ELECTRIC EQUIPMENT TO THE EMP FROM A	IITRI -64-SVE
ELECTRIC FIELD MEASUREMENT TECHNIQUE	BOEING-64-ECE
ELECTRIC FIELD FROM A NUCLEAR EXPLOS	BTL -62-CEH
ELECTRIC FIELD MEASUREMENTS OPERATIO	DRI -63-CPP
ELECTRIC FIELD GENERATED BY A SPHERI	RAND -62-CIE
ELECTRIC FIELD PRODUCED BY A NUCLEAR	SANDIA-63-AEF
ELECTRIC FIELDS OPERATION BUSTER-JAN	LASL -54-MEM
ELECTRICAL AND ELECTRONIC SYSTEMS FR	GEREO -63-TDP
ELECTRICAL PHENOMENA IN THE VICINITY	UCIG -52-AEP
ELECTRICAL POWER SYSTEMS TO EM EFFEC	ARENRO-63-REP
ELECTRICAL PROPERTIES OF THE EARTH'S	USGS -62-EPE
ELECTRICAL PROTECTION OF TACTICAL CO	HTL -58-EPI
ELECTRON SPECTRUM.=	ARHOL -63-XRI
ELECTRONIC SYSTEMS FROM LIGHTNING TR	GEREO -63-TDP
ELF AND VLF MEASUREMENTS FISH-BOWL	NBSCR-64-EVM
ELF EM SIGNALS ALBERT LOOP DATA.=	LASL -61-CTE
ELF, VLF AND MAGNETIC MEASUREMENTS S	DASAD-63-EVM
EMISSION FROM A NUCLEAR EXPLOSION.=	RAND -64-KMR

RADIO EMISSION FROM AN ATOMIC EXPLOSION.=	USSR -58-REA
= EM WAVES EMITTED ON DETONATION OF EXPLOSIVES.	KOLSH -54-EWE
TRACTS OF SYMPOSIUM ON EMP EFFECTS ON MILITARY SYSTEMS= AN	AFESD -64-ASE
ELECTRIC EQUIPMENT TO THE EMP EXPERIMENTAL PROGRAM.=	ATC -63-EEP
ORS = CLOSE-IN EFFECTS. EMP FROM A 10 MT SURFACE EXPLOSION=	IITRI -64-SVE
F THE SMALL-BOY NUCLEAR EMP PROCESSES= DISCRIPT	ATC -64-CIE
EMP SIGNATURES= THEORETICAL EXTRAPOL	ARENRD-64-TFS
EMP SIMULATION.=	GERED -64-E-S
EMP TEST CRITERIA.=	LRL -62-EPT
EM PULSE (EMP) REQUIREMENTS FOR THE NORAD COC.	MITRE -62-EPH
UND EXPLOSIONS PT. 3. EMPHASIS ON THE DETECTION OF UNDERGR	USGS -62-EPE
E THEORETICAL MODELS + EMPIRICAL DESCRIPTION.=EM PULS	RTL -62-FMP
T-506-E NRS FOR PERIOD ENDING DECEMBER 30, 1954.= QUARTERLY	NBSCR- -ORP
T-620-E-NRS FOR PERIOD ENDING 30 DECEMBER 1955.= QUARTERLY	NBSCR-59-ORP
ION.= EM ENERGY GENERATED BY A NUCLEAR EXPLOS	SGC -63-EEG
IA FOR CABLES AND LINES ENTERING MINUTEMAN FACILITIES.= EM H	STL -60-EHA
NUCLEAR ENVIRONMENT FOR HARD POINT DEFENSE.=	GETEMP-63-NEH
.1.= MAGNETIC DETECTION EQUIPMENT TEST OPERATION SUN-BEAM SH	NANOL -63-MDE
RUMENTS= DEVELOPMENT OF EQUIPMENT TO CONDUCT AREA SURVEY MEA	SGC -63-DEC
NERABILITY OF ELECTRIC EQUIPMENT TO THE EMP FROM A 10 MT SU	IITRI -64-SVE
CRITERIA FOR MINUTEMAN EQUIPMENT.= EM HARDENING	STL -60-EHC
NUCLEAR EXPLOSION.= AN ESTIMATE FROM THE PEAK RADIAL ELECTR	SANDIA-63-AEF
MEASUREMENT TECHNIQUES= EVALUATION OF CLOSE-IN ELECTRIC FIE	ROEING-64-ECE
MENT OF EM FIELD ORCHID EVENT.= MEASURE	EG+GB -60-MEF
LE-FELLER + JOHNNIE-BOY EVENTS. SUN-BEAM 6.6= EM MEASUREMENT	AFWL -63-EML
= EM PULSE REQUIREMENTS EXCERPTS FROM PERTINENT DOCUMENTS. V	DASAHQ-63-EPR
HE EM SIGNAL DUE TO THE EXCLUSION OF THE EARTHS MAGNETIC FIE	RAND -61-ESU
LD.= RADIATIONS FROM AN EXPANDING PLASMA IN AN EXTERNAL MAGN	RAC -61-REP
EM SIGNAL EXPECTED FROM HIGH ALTITUDE TEST.=	LASL -58-ESE
R ELECTROMAGNETIC PULSE EXPERIMENTAL FACILITY.= A NUCLEA	ARENRD-64-NEP
EMP EXPERIMENTAL PROGRAM.=	ATC -63-EEP
EM EXPERIMENTS. MEASUREMENTS=	LASL -54-EEX
A THERMONUCLEAR DEVICE EXPLODED IN A UNIFORM ATMOSPHERE= TH	STL -64-EPT
EFFECTS ON VLF SYSTEM.= EXPLORATORY STUDY FOR THE PREDICTION	HRBSIN-63-ESP
SCIENCE OF HIGH EXPLOSIVES.=	ACS -58-SHE
MITTED ON DETONATION OF EXPLOSIVES.= EM WAVES E	KOLSH -54-EWE
E DETONATION OF NUCLEAR EXPLOSIVES.= ON THE MEASUREMENTS OF	SANDIA-63-OTM
ED ON THE DETONATION OF EXPLOSIVES.= RADIO NOISE RADIAT	TAKAT -55-RNR
EXPANDING PLASMA IN AN EXTERNAL MAGNETIC FIELD.= RADIATIONS	RAC -61-REP
962 USSR NUCLEAR TESTS, EXTRACTED FROM SPHERICS RECORDS= EM P	AFCKL -64-EPU
SIGNATURES= THEORETICAL EXTRAPOLATION OF THE SMALL-BOY NUCLE	ARENRD-64-TES
EXTRAPOLATION OF THE EM FIELD.=	ARHDL -62-EEF
OM NUCLEAR EXPLOSIONS.= EXTREMELEY LOW FREQUENCY EM SIGNALS	UCIG -58-ELF
FOR HARDENED MINUTEMAN FACILITIES.= EM CRITERIA	STL -60-ECH
INES ENTERING MINUTEMAN FACILITIES.= EM HARDENING CRITERIA F	STL -60-EHA
ETIC PULSE EXPERIMENTAL FACILITY.= A NUCLEAR ELECTROMAGN	ARENRD-64-NEP
CTROMAGNETIC PULSE TEST FACILITY= FEASIBILITY STUDY FOR HIGH	LTRI -64-FSH
LLANCE.= FEASIBILITY STUDY FOR NUCLEAR SURVEI	ARERDL-63-FSN
IC PULSE TEST FACILITY= FEASIBILITY STUDY FOR HIGH POWER ELE	LTRI -64-FSH
ND WORKING GROUP AT LRL FEB 1959. DETECTION= PROJECT ARGUS	ADRPA -59-PAR
OF THE NUCLEAR TEST OF FEB. 13, 1960, AT REGGANE.= RADIOLEC	PERRF -60-R:IF
ION ON NUCLEAR TESTS IN FEBRUARY AUGUST 1962.= HARD COMMUNIC	BTL -62-HCS
N DEVELOPMENT OPERATION FERRIS-WHEEL 6.1.= EM PULSE INSTRUM	AFWL -63-EPI
OF THE EARTHS MAGNETIC FIELD BY NUCLEAR EXPLOSIONS.= THE EM	RAND -61-ESD
ARY THOUGHTS.= MAGNETIC FIELD EFFECTS FROM UNDERGROUND DETON	LRL -60-MFE
OF THE RADIAL ELECTRIC FIELD FROM A NUCLEAR EXPLOSION.= CAL	BTL -62-CEH
THEORY OF EM FIELD FROM GROUND-SHOT.=	LRL -58-TEF
THEORY OF EM FIELD FROM HIGH ALTITUDE SHOT.=	LRL -61-TEF
RST.= CLOSE IN ELECTRIC FIELD GENERATED BY A SPHERICALLY SYM	RAND -62-CIE
LOSIONS.= NEAR MAGNETIC FIELD GENERATED BY CLOSE COUPLED UND	SGC -63-NMF

ON OF CLOSE-IN ELECTRIC FIELD MEASUREMENT TECHNIQUES= EVALUA	BOEING-64-ECE
T AND PREVIOUS ELECTRIC FIELD MEASUREMENTS OPERATION SUN-BEA	DRI -63-CPP
6.3.= INHERENT MAGNETIC FIELD MEASUREMENT OPERATION SUN-BEA	HUGHES-64-IMF
BOY 6.8.= EARTH'S STATIC FIELD MEASUREMENTS OPERATION SUN-BEA	SRI -62-ESF
MAGNETIC COMPONENT OF EM FIELD NEAR A NUCLEAR DETONATION OPER	ARHDL -62-MMC
IGH ALTITUDE= FIELD OF A MAGNETIC BUBBLE. MODEL H	LASL -62-FMD
MEASUREMENT OF EM FIELD ORCHID EVENT.=	EG+GB -60-MEF
THE PEAK RADIAL ELECTRIC FIELD PRODUCED BY A NUCLEAR EXPLOSION	SANDIA-63-AEF
T= UNDERGROUND MAGNETIC FIELD SIGNALS FROM A NEAR SURFACE BU	GETEMP-63-UMF
BAY ONTARIO.= FIELD STRENGTH MEASUREMENTS AT NORTH	BTL -63-FSM
SOURCES REDWING 6.1B.= FIELD STRENGTH MEASUREMENT FOR ACCUR	SPERRY-60-FSM
EXTRAPOLATION OF THE EM FIELD.=	ARHDL -62-EEF
ING SPHERE IN A MAGNETIC FIELD.= RADIATION DUE TO THE RADIAL	CIT -63-RDR
IN AN EXTERNAL MAGNETIC FIELD.= RADIATIONS FROM AN EXPANDING	RAC -61-REP
OF THE EARTH'S MAGNETIC FIELD.= THE NEAR MAGNETIC INDUCTION	LRL -60-NMI
EM FIELDS CREATED BY A NUCLEAR BURST=	BAT -64-EFC
RADIATED FIELDS FROM A SURFACE BURST.=	SANDIA-63-RFF
N ELECTRIC AND MAGNETIC FIELDS GENERATED BY A SURFACE BURST=	RAND -64-CEM
N OF TRANSIENT MAGNETIC FIELDS INTO A HOLLOW CONDUCTING CYLI	ARHDL -62-PTM
S MAGNETIC AND ELECTRIC FIELDS OPERATION BUSTER-JANGLE 10.7.	LASL -54-MEM
AVAILABLE MODEL FOR THE EM FIELDS PRODUCED BY NUCLEAR EXPLOSION	RAND -63-ASM
S.= CLOSE IN EM FIELDS PRODUCED BY NUCLEAR EXPLOSION	RAND -63-CEF
E ELECTRIC AND MAGNETIC FIELDS WITHIN A BURIED COMPLEX DUE T	STL -64-ODE
G OF MINUTEMAN MAGNETIC FIELDS.= EM HARDENIN	STL -60-EHM
DURING OPERATION IVY.= FINAL REPORT ON OPERATION IVY MEASUR	NBSCR- -DIM
ION MEASUREMENTS ON THE FISH-BOWL SERIES.= EM RADIAT	SANDIA-63-ERM
AND VLF MEASUREMENTS FISH-BOWL 1962.=ELF	NBSCR-64-EVM
MAGNETIC MEASUREMENTS. FISH-BOWL 6.5A.= IONOSPHERIC SOUNDIN	AFCRL -63-ISM
MENTS OPERATION DOMINIC FISH-BOWL 7.1.= EM SIGNAL UNDERWATER	KAMAN -63-ESU
TS OF EM SIGNALS DURING FISHER AND RINGTAIL= MEASUREMENT	EG+GB -64-MES
THE VICINITY OF NUCLEAR FISSION EXPLOSIONS.= ATMOSPHERIC ELE	UCIG -52-AEP
RESEARCH AND TESTING. A FIVE-YEAR TECHNICAL PLAN= NUCLEAR EF	AFWL -62-NER
LECTRICITY THE MAGNETIC FLASH OF THE NUCLEAR TEST OF FEB. 13,	PERRF -60-RMF
DESCRIPTION OF EM FLASH PHENOMENA.=	STL -60-IEF
ICAL STUDY OF THE RADIO FLASH.= THEORET	LASL -63-TSR
OHNIE-BOY 2.3.= NEUTRON FLUX MEASUREMENTS OPERATION SUN-BEA	ARNDL -62-NFM
BOY 6.4.= INITIAL GAMMA FLUX MEASUREMENT OPERATION SUN-BEA	ARSRDL-62-IGF
IC PULSE EFFECTS ON AIR FORCE SYSTEMS= ELECTROMAGNET	AFSC -64-EPE
.= MEASUREMENT OF RADIO FREQUENCY EM RADIATION FROM NUCLEAR	ARSRDL-60-MRF
OSIONS.= EXTREMELY LOW FREQUENCY EM SIGNALS FROM NUCLEAR EX	UCIG -58-ELF
E OF ATMOSPHERICS.= LOW FREQUENCY EM WAVE PROPAGATION OVER T	USSR -55-LFE
DETONATIONS.= RADIO FREQUENCY SIGNALS CREATED BY NUCLEAR	LASL -60-RFS
CLEAR EFFECTS TESTS AND FUTUPE REQUIREMENTS.= RECENT NU	RAND -63-RNE
SMALL-BOY 6.4.= INITIAL GAMMA FLUX MEASUREMENT OPERATION SUN	ARSRDL-62-IGF
E BEHAVIOR OF THE EARLY GAMMA RADIATION FROM SURFACE CONTACT	BOEING-63-TBE
RF SIGNAL DUE TO PROMPT GAMMA RADIATION FROM A NUCLEAR EXPLO	EG+GB -64-ERS
GAMMA RAYS FROM ATOMIC BOMBS= GAMMA RAYS OF A NUCLEAR EXPLOSION.=	LASL -64-GRA
S OF EM SIGNAL FROM THE GAMMA.= PROMPT EM P	LRL -61-SDA
ULSE DATA PROJECT DELTA GENERATED BY A NUCLEAR DETONATION.=	AGA -63-PEP
CABLES OF THE EM PULSE GENERATED BY A SPHERICALLY SYMMETRIC	BTL -64-ECC
CLOSE IN ELECTRIC FIELD GENERATED BY A SURFACE BURST= THE CL	RAND -62-CIE
RIC AND MAGNETIC FIELDS GENERATED BY A SURFACE BURST= THE CL	RAND -64-CEM
EM ENERGY GENERATED BY A NUCLEAR EXPLOSION.=	SGC -63-EEG
MODEL= ON THE EM PULSE GENERATED BY ATMOSPHERIC NUCLEAR EXP	SGC -63-OTE
S.= NEAR MAGNETIC FIELD GENERATED BY CLOSE COUPLED UNDERGROU	SGC -63-NMF
UREMENTS OF EM SIGNALS GENERATED BY THE DETONATION OF NUCLE	SANDIA-63-OTM
CHANISMS.= INDUCTION AND GENERATION OF CURRENTS AND VOLTAGES	BTL -63-IGC
UND NUCLEAR EXPLOSIONS= GENERATION PROPAGATION + DETECTION O	EG+GB -60-GPD
SIONS.= GEOMAGNETIC EFFECTS OF NUCLEAR EXPLO	NBS -59-GEN
MEASUREMENTS ON PROJECT GNOME.= SUBSURFACE EM	EG+GB -63-SEM

EAR TESTS VELA SIERRA.= GROUND BASED DETECTION OF HIGH ALTITUDE
 THEORY OF EM FIELD FROM GROUND-SHOT.=
 T OF THE SECOND WORKING GROUP AT LRL FEB 1959. DETECTION= P
 SPIN DRIFT EFFECTS HANDBOOK=
 FEBRUARY AUGUST 1962.= HARD COMMUNICATIONS SYSTEMS A SUMMARY
 NUCLEAR ENVIRONMENT FOR HARD POINT DEFENSE.=
 EM CRITERIA FOR HARDENED MINUTEMAN FACILITIES.=
 = MINUTEMAN HARDENED MISSILE SITE EM PROTECTION.
 PROTECTION FOR MINUTEMAN HARDENED MISSILE SITE.= EM P
 TION.= VULNERABILITY OF HARDENED MISSILE LAUNCH SITES TO ELE
 ONATION.= PROTECTION OF HARDENED MISSILE SYSTEMS AGAINST THE
 MINUTEMAN FACILITIES.= EM HARDENING CRITERIA FOR CABLES AND LI
 IPMENT.= EM HARDENING CRITERIA FOR MINUTEMAN EQUIP
 DS.= EM HARDENING OF MINUTEMAN MAGNETIC FIEL
 DINGS DURING OPERATION HARDTACK AND ARGUS.= EM EFFECTS FROM
 ISLAND DURING OPERATION HARDTACK PHASE I.= DIAGNOSTIC EM MEAS
 R DETONATIONS OPERATION HARDTACK 6.4.= WAVEFORM OF EM PULSE
 YIELD BURSTS OPERATION HARDTACK.= EM PULSES FROM LOW
 TION OF EM SIGNALS FROM HE DETONATIONS AT HIGH ALTITUDES BAN
 ARGUS.= EM EFFECTS FROM HIGH ALTITUDE DETONATIONS DURING OPE
 E MAGNETIC EFFECTS FROM HIGH ALTITUDE EXPLOSIONS OF ATOMIC H
 UDE NUCLEAR EXPLOSIONS. HIGH ALTITUDE MEASUREMENTS= EM EFFEC
 DOMINIC PROGRAM 32.= HIGH ALTITUDE MEASUREMENTS OPERATION
 N OF AN EM PULSE FROM A HIGH ALTITUDE NUCLEAR EXPLOSION.= RE
 ENOMENA ASSOCIATED WITH HIGH ALTITUDE NUCLEAR EXPLOSIONS.= M
 TROMAGNETIC PULSES FROM HIGH ALTITUDE NUCLEAR EXPLOSIONS AND
 EM PULSE FROM HIGH ALTITUDE NUCLEAR EXPLOSIONS.=
 VLF STUDIES OF HIGH ALTITUDE NUCLEAR EXPLOSIONS.=
 EMENTS= EM EFFECTS FROM HIGH ALTITUDE NUCLEAR EXPLOSIONS. HI
 GROUND BASED DETECTION OF HIGH ALTITUDE NUCLEAR TESTS VELA SIE
 THEORY OF EM FIELD FROM HIGH ALTITUDE SHOT.=
 EM SIGNAL EXPECTED FROM HIGH ALTITUDE TEST.=
 MAGNETIC BUBBLE. MODEL HIGH ALTITUDE= FIELD OF A
 FROM HE DETONATIONS AT HIGH ALTITUDES RANSHEE.= DETECTION O
 SCIENCE OF HIGH EXPLOSIVES.=
 = FEASIBILITY STUDY FOR HIGH POWER ELECTROMAGNETIC PULSE TES
 EY OF THE EM EFFECTS OF HIGH-ALTITUDE NUCLEAR DETONATIONS.=
 LCULATIONS OF THE EARLY HISTORY OF THE RADIAL ELECTRIC FIELD
 ENDATIONS OF THE STL AND HOC PANEL ON EM RADIATION.= CONCLUSI
 MAGNETIC FIELDS INTO A HOLLOW CONDUCTING CYLINDER.= PENETRA
 IRE.= HYDROMAGNETIC SIGNALS IN THE IONOSPHERE.
 SMALL-BOY LITTLE-FELLER I II + JOHNIE-BOY 2.3.= NEUTRON FLUX
 PERATION HARDTACK PHASE I.= DIAGNOSTIC EM MEASUREMENTS AT WA
 BOMB DAMAGE ASSESSMENT. IRDA=
 TS.= PROTECTION OF ICBM WEAPON SYSTEMS AGAINST EM EFFEC
 ALL-BOY LITTLE-FELLER I II + JOHNIE-BOY 2.3.= NEUTRON FLUX M
 ENOMENA. LITTLE-FELLER II AND SMALL-BOY 7.16= AIRBORNE E-FI
 X-RAY INDUCED PRIMARY ELECTRON SPECTRUM.=
 F POSSIBLE MECHANISMS.= INDUCTION AND GENERATION OF CURRENTS
 ELD.= THE NEAR MAGNETIC INDUCTION SIGNAL FROM A NUCLEAR EXPL
 DISTURBANCES DUE TO THE INDUCTION SIGNAL= INSTRUMENTAL
 ING AGAINST ATMOSPHERIC INDUCTION.= SWITCHING CENTER SHIELD
 AM SHOT SMALL-BOY 6.3.= INHERENT MAGNETIC FIELD MEASUREMENT
 AM SHOT SMALL-BOY 6.4.= INITIAL GAMMA FLUX MEASUREMENT OPERA
 INITIAL RADIATION MEASUREMENTS.=
 NS ON PARAMETER VALUES INSIDE OF THE EM SOURCE.= COMPUTATI
 INDUCTION SIGNAL= INSTRUMENTAL DISTURBANCES DUE TO THE
 BLE ANTENNAS= PRAGMATIC INSTRUMENTAL MEASUREMENTS OPERATION
 IS-WHEEL 6.1.= EM PULSE INSTRUMENTATION DEVELOPMENT OPERATIO
 FROM NUCLEAR EXPLOSIONS. INSTRUMENTS= DEVELOPMENT OF EQUIPMEN

NBS -63-GRD
 LRL -58-TEF
 ADRPA -59-PAR
 URS -64-SDE
 BTL -62-HCS
 GETEMP-63-VEH
 STL -60-ECH
 EG+GLV-60-MHM
 EG+GLV-61-EPM
 SANDIA-60-VHM
 STL -60-PHM
 STL -60-EHA
 STL -60-EHC
 STL -60-EHM
 NBSCR-59-EEH
 NBSCR-59-DEM
 ARSRL-60-WFE
 ARSRL-60-EPL
 EG+GB -61-DES
 NBSCR-59-EEH
 LEIPOI-60-PME
 NANOTS-63-EEH
 SANDIA-63-HAM
 BOEING-62-REP
 EG+GB -63-MPA
 IDA -64-EPH
 IITRI -64-EPH
 NANOL -58-VSH
 NANOTS-63-EEH
 NBS -63-GBU
 LRL -61-TEF
 LASL -58-ESE
 LASL -62-FMB
 EG+GB -61-DES
 ACS -58-SHE
 LTRI -64-FSH
 RAND -58-SEE
 BTL -62-CEH
 STL -61-ERA
 ARHDL -62-PTM
 RAND -63-HSI
 ARNDL -62-NFM
 NBSCR-59-DEM
 RAND -63-BDA
 STL -61-PIW
 ARNDL -62-NFM
 NANMC -64-AEF
 ARHDL -63-XRI
 BTL -63-IGC
 LRL -60-NMI
 SRI -57-IDI
 BTL -63-SCS
 HUGHES-64-IMF
 ARSRL-62-IGF
 ARHDL -62-IRM
 LASL -61-CPV
 SRI -57-IDI
 AFWL -63-PIM
 AFWL -63-EPI
 SGC -63-DEC

TION FROM EXPLOSIONS. INSTRUMENTS=EM RADIA
 EMENT WAVEFORM= DOMINIC INTERIM TEST REPORT PROJECT 6.5A. MI
 ANSIENT MAGNETIC FIELDS INTO A HOLLOW CONDUCTING CYLINDER.=
 LE 15.4. MEASUREMENTS= INVESTIGATION OF EARLY ELECTROMAGNET
 E SURFACE OF THE EARTH. INVESTIGATION OF THE PROPAGATION OF
 BER 30, 1954.= EM PULSE INVESTIGATION. REPORT ON PROJECT T-5
 MAGNETIC SIGNALS IN THE IONOSPHERE.= HYDRO
 MENTS. FISH-BOWL 6.5A.= IONOSPHERIC SOUNDINGS AND MAGNETIC M
 EM MEASUREMENTS AT WAKE ISLAND DURING OPERATION HARDTACK PHA
 MAL REPORT ON OPERATION IVY MEASUREMENT OF EM EFFECTS DURING
 FROM NUCLEAR EXPLOSIONS IVY 7.1. MEASUREMENTS= EM EFFECTS
 RISTICS OF EM RADIATION IVY 9.3.= RF CHARACTE
 EFFECTS DURING OPERATION IVY.= FINAL REPORT ON OPERATION IVY
 EMENTS LITTLE-FELLER + JOHNNIE-BOY EVENTS. SUN-BEAM 6.6= EM
 Y LITTLE-FELLER I II + JOHNNIE-BOY 2.3.= NEUTRON FLUX MEASUR
 NG SYSTEM.= JOHNSTON-ISLAND WIDEHAND EM MONITORI
 PROJECT T-506-E NBS FOR JULY 1-SEPTEMBER 30, 1954.= EM PULSE
 SIGNALS RESULTING FROM KING-FISH= THE EM
 LEAR EXPLOSIONS. UPSHOT KNOTHOLE 7.1.= EM EFFECTS FROM NUC
 NUCLEAR EXPLOSION.= THE KOMPANEETS MODEL FOR RADIO EMISSION
 NTRAL RADIO PROPAGATION LABORATORY DURING OPERATION UPSHOT-K
 ITY OF HARDENED MISSILE LAUNCH SITES TO ELECTROMAGNETIC RADI
 ECTS ON MISSILES DURING LAUNCH.= ELECTROMAGNETIC PULSES FROM
 THE SHIELDING OF LF RADIATION FROM A NUCLEAR BURST=
 ELECTRONIC SYSTEMS FROM LIGHTNING TRANSIENTS.= TECHNIQUES AN
 CRITERIA FOR CABLES AND LINES ENTERING MINUTEMAN FACILITIES.
 NUCLEAR WEAPON. MODEL= LITERATURE SURVEY OF THE EM EFFECT F
 AM 6.6= EM MEASUREMENTS LITTLE-FELLER + JOHNNIE-BOY EVENTS. S
 SUN-BEAM SHOT SMALL-BOY LITTLE-FELLER I II + JOHNNIE-BOY 2.3.
 OF EM PULSE PHENOMENA. LITTLE-FELLER II AND SMALL-BOY 7.16=
 EASUREMENT FOR ACCURATE LOCATION OF EM PULSE SOURCES REDWING
 MISSILE DETONATION LOCATOR. TEAPOT 6.3=
 OUND NUCLEAR DETONATION LOLLIPOP.= DETECTION OF THE EM WAVE
 N OF THE PROPAGATION OF LONG AND VERY LONG RADIO WAVES BY TH
 GATION OF LONG AND VERY LONG RADIO WAVES BY THE METHOD OF AN
 T ELF EM SIGNALS ALBERT LOOP DATA.= CASTLE AND TEAPO
 CABLE LOOP MEASUREMENTS.=
 MALL-BOY 6.2.= MAGNETIC LOOP MEASUREMENTS OPERATION SUN-BEAM
 EM SIGNALS PRODUCED BY LOW ALTITUDE NUCLEAR EXPLOSIONS.=
 ON A NUCLEAR EXPLOSION. LOW ALTITUDE.= THEORETICAL STUDY OF
 IATION. MODEL WAVEFORM LOW ALTITUDE= NOTES ON EM RAD
 EXPLOSIONS.= EXTREMELEY LOW FREQUENCY EM SIGNALS FROM NUCLEA
 SHAPE OF ATMOSPHERICS.= LOW FREQUENCY EM WAVE PROPAGATION OV
 = EM PULSES FROM LOW YIELD BURSTS OPERATION HARDTACK.
 UCLEAR EXPLOSION IN THE LOWER ATMOSPHERE.= ANALYSIS OF THE E
 SECOND WORKING GROUP AT LRL FEB 1959. DETECTION= PROJECT AR
 SUREMENTS OF THE EARTHS MAGNETIC AND ELECTRIC FIELDS OPERATI
 MAGNETIC BUBBLE PROBLEM.=
 E= FIELD OF A MAGNETIC BUBBLE. MODEL HIGH ALTITUD
 .2.= MEASUREMENT OF THE MAGNETIC COMPONENT OF EM FIELD NEAR
 SHOT SMALL-BOY 7.8.1.= MAGNETIC DETECTION EQUIPMENT TEST OP
 ATOMIC BOMBS.= POSSIBLE MAGNETIC EFFECTS FROM HIGH ALTITUDE
 FACE BURST= UNDERGROUND MAGNETIC FIELD SIGNALS FROM A NEAR S
 MALL-BOY 6.3.= INHERENT MAGNETIC FIELD MEASUREMENT OPERATION
 PRELIMINARY THOUGHTS.= MAGNETI. FIELD EFFECTS FROM UNDERGRO
 EXCLUSION OF THE EARTHS MAGNETIC FIELD BY NUCLEAR EXPLOSIONS
 CLEAR EXPLOSIONS.= NEAR MAGNETIC FIELD GENERATED BY CLOSE CO
 CONDUCTING SPHERE IN A MAGNETIC FIELD.= RADIATION DUE TO TH
 MOVEMENT OF THE EARTHS MAGNETIC FIELD.= THE NEAR MAGNETIC I
 G PLASMA IN AN EXTERNAL MAGNETIC FIELD.= RADIATIONS FROM AN

LTV -61-ENG
 MITRE -62-ODT
 ARHDL -62-PTM
 LASL -53-IEE
 USSR -55-LFE
 NBSCR-54-EPI
 RAND -63-HSI
 AFCRL -63-ISM
 NBSCR-59-DEM
 NBSCR- -OIM
 AFOAT -52-EEN
 ARSEL -58-CER
 NBSCR- -OIM
 AFWL -63-EML
 ARNDL -62-NFM
 EG+GB -64-JIW
 NBSCR-54-EPI
 EG+GB -64-EMS
 AFOAT -55-EEN
 RAND -64-KMR
 NBSCR-54-EMC
 SANDIA-60-VHM
 IDA -64-EPH
 IDA -63-SLR
 GERED -63-TDP
 STL -60-EHA
 EMPLES-62-LSE
 AFWL -63-EML
 ARNDL -62-NFM
 NANMC -64-AEF
 SPERRY-60-FSM
 ARSEL -57-MDL
 EG+GB -60-DEW
 USSR -55-LFE
 USSR -55-LFE
 LASL -61-CTE
 AFWL -53-CLM
 ARHDL -62-MLM
 RAND -63-ESP
 AERUNU-63-TSE
 LASL -61-VER
 USCIG -58-ELF
 USSR -55-LFE
 ARSRDL-60-EPL
 ATC -63-AEE
 ADRPA -59-PAR
 LASL -54-MEM
 EG+G -61-MBP
 LASL -62-FMB
 ARHDL -62-MMC
 NANOL -63-MDE
 LEIPOI-60-PME
 GETEMP-63-UMF
 HUGHES-64-IMF
 LRL -60-MFE
 RAND -61-ESD
 SGC -63-NMF
 CIT -63-RDR
 LRL -60-NMI
 RAC -61-REF

ENETRATION OF TRANSIENT	MAGNETIC FIELDS INTO A HOLLOW CONDUCT	ARHDL -62-PTM
E CLOSE-IN ELECTRIC AND	MAGNETIC FIELDS GENERATED BY A SURFA	RAND -64-CEM
HARDENING OF MINUTEMAN	MAGNETIC FIELDS.= EM	STL -63-EHM
MINING THE ELECTRIC AND	MAGNETIC FIELDS WITHIN A BURIED COMP	STL -64-ODE
.= RADIOELECTRICITY THE	MAGNETIC FLASH OF THE NUCLEAR TEST O	PERRF -60-RMF
GNETIC FIELD.= THE NEAR	MAGNETIC INDUCTION SIGNAL FROM A NUCL	LRL -60-NMI
AM SHOT SMALL-BOY 6.2.=	MAGNETIC LOOP MEASUREMENTS OPERATION	ARHDL -62-MLM
OSPHERIC SOUNDINGS AND	MAGNETIC MEASUREMENTS. FISH-BOWL 6.5	AFCRL -63-ISM
EEDINGS.= ELF, VLF AND	MAGNETIC MEASUREMENTS SYMPOSIUM PROC	DASADC-63-EVM
DE NUCLEAR EXPLOSIONS.=	MAGNETIC PHENOMENA ASSOCIATED WITH H	EG+GB -63-MPA
	INGS.= MAGNETIC SURGE TESTS AT COLORADO SPR	BTL -63-MST
RIC DATA AUGUST 1958 TO	MARCH 1959. PART B THE DETECTION OF	SRI -60-AAN
G 6.18.= FIELD STRENGTH	MEASUREMENT FOR ACCURATE LOCATION OF	SPERRY-60-FSM
PERATION PLUMBBOB 6.2.=	MEASUREMENT OF THE MAGNETIC COMPONENT	ARHDL -62-MMC
OPERATION REDWING 6.5.=	MEASUREMENT OF RADIO FREQUENCY EM RA	ARSRDL-63-MRF
	.= MEASUREMENT OF EM FIELD ORCHID EVENT	EG+GB -60-MEF
	NA.= MEASUREMENT OF EM SIGNALS DURING CHE	EG+GB -64-MEM
REPORT ON OPERATION IVY	MEASUREMENT OF EM EFFECTS DURING OPE	NBSCR- -DIM
RATION CASTLE.=	MEASUREMENT OF EM EFFECTS DURING OPE	NBSCR-64-MEE
.4.= INITIAL GAMMA FLUX	MEASUREMENT OPERATION SUN-BEAM SHOT	ARSRDL-62-IGF
INHERENT MAGNETIC FIELD	MEASUREMENT OPERATION SUN-BEAM SHOT	HUGHES-64-IMF
CLOSE-IN ELECTRIC FIELD	MEASUREMENT TECHNIQUES= EVALUATION O	HOEING-64-ECE
7 PROOF TEST. DETECTION	MEASUREMENT WAVEFORM= DOMINIC INTERI	MITRE -62-PDT
	MEASUREMENT=	DASAFC-62-OSH
	ELF AND VLF MEASUREMENTS FISH-BOWL 1962.=	NBSCR-64-EVM
UPSHOT-KNOTHOLE 6.7.=	MEASUREMENTS AND ANALYSIS OF ELECTRO	ARSEL -56-MAC
FIELD STRENGTH	MEASUREMENTS AT NORTH BA PITARIO.=	HTL -63-FSM
PHASE I.= DIAGNOSTIC EM	MEASUREMENTS AT WAKE ISLAND DURING O	NBSCR-59-DEM
ON UPSHOT-KNOTHOLE.=	EM MEASUREMENTS CONDUCTED BY THE CENTRA	NBSCR-54-EMC
	ES.= EM MEASUREMENTS DURING THE DANSHFE SERI	EG+GB -63-EMH
MENTS. SUN-BEAM 6.6=	EM MEASUREMENTS LITTLE-FELLER + JOHNI-	AFWL -63-EML
DESCRIPTORS =	EM MEASUREMENTS NUCLEAR EXPLOSIONS=	NBSCR-63-DEM
EXPLOSION.=	EM MEASUREMENTS OF CANADIAN 100 TON TNT	EG+GB -63-FMC
SHER AND RINGTAIL=	MEASUREMENTS OF EM SIGNALS DURING FI	EG+GB -64-MES
ON HUSTER-JANGLE 10.7.=	MEASUREMENTS OF THE EARTHS MAGNETIC	LASL -54-MEM
BORNE E-FIELD RADIATION	MEASUREMENTS OF EM PULSE PHENOMENA.	NANAC -64-AEF
EAR EXPLOSIVES.= ON THE	MEASUREMENTS OF EM SIGNALS GENERATED	SANDIA-63-OTM
TO CONDUCT AREA SURVEY	MEASUREMENTS OF THE EM PULSES FROM N	SGC -63-DEC
SUBSURFACE EM	MEASUREMENTS ON PROJECT GNOME.=	EG+GB -63-SEM
.=	EM RADIATION MEASUREMENTS ON THE FISH-BOWL SERIES	SANDIA-63-ERM
PRAGMATIC INSTRUMENTAL	MEASUREMENTS OPERATION SUN-BEAM SHOT	AFWL -63-PIM
BOY 6.2.=	MAGNETIC LOOP MEASUREMENTS OPERATION SUN-BEAM SHOT	ARHDL -62-MLM
-BOY 2.3.=	NEUTRON FLUX MEASUREMENTS OPERATION SUN-BEAM SHOT	ARNDL -62-NFM
PREVIOUS ELECTRIC FIELD	MEASUREMENTS OPERATION SUN-BEAM SHOT	DRI -63-CPP
.=	EM SIGNAL UNDERWATER MEASUREMENTS OPERATION DOMINIC FISH-	KAMAN -63-ESU
	= EM MEASUREMENTS OPERATION TEAPOT 12.3C.	LASL -57-EML
6.11.=	AIR CONDUCTIVITY MEASUREMENTS OPERATION SUN-BEAM SHOT	MHD -63-ACM
AM 32.=	HIGH ALTITUDE MEASUREMENTS OPERATION DOMINIC PROGR	SANDIA-63-HAM
8.=	EARTHS STATIC FIELD MEASUREMENTS OPERATION SUN-BEAM SHOT	SRI -62-ESF
6.7.=	SOIL CONDUCTIVITY MEASUREMENTS OPERATION SUN-BEAM SHOT	USGS -63-SCM
	SHORT BASELINE NARCL MEASUREMENTS REDWING 6.1A.=	AFCRL -59-SBV
	ELF, VLF AND MAGNETIC MEASUREMENTS SYMPOSIUM PROCEEDINGS.=	DASADC-63-EVM
SIENT RADIATION EFFECTS	MEASUREMENTS. BACKSWING 2.1= TRAN	AFWL -64-TRE
SOUNDINGS AND MAGNETIC	MEASUREMENTS. FISH-BOWL 6.5A.= IONOS	AFCRL -63-ISM
EM PULSE AND VLF	MEASUREMENTS.=	AFCRL -63-EPV
	CABLE LOOP MEASUREMENTS.=	AFWL -63-CLM
	INITIAL RADIATION MEASUREMENTS.=	ARHDL -62-IRM
	EM EXPERIMENTS. MEASUREMENTS=	LASL -54-EEX
EAR EXPLOSIONS IVY 7.1.	MEASUREMENTS= EM EFFECTS FROM NUCL	AFOAT -52-EEN
PLOSIONS. HIGH ALTITUDE	MEASUREMENTS= EM EFFECTS FROM HIGH A	NANOTS-63-ECH

UPSHOT-KNOTHOLE 15.4. MEASUREMENTS= INVESTIGATION OF EARLY
 9 OPERATIONAL PLUMBBOB. MEASUREMENTS= TECHNICAL SUMMARY OF M
 EM RADIATION MECHANISM.=
 BLES SURVEY OF POSSIBLE MECHANISMS.= INDUCTION AND GENERATIO
 DETONATION. DETECTION= MEMORANDUM REPORT ON EM PULSE FROM N
 LONG RADIO WAVES BY THE METHOD OF ANALYZING THE SHAPE OF AIM
 S= TECHNICAL SUMMARY OF MILITARY EFFECTS PROGRAMS 1-9 OPERAT
 OSTIUM ON EMP EFFECTS ON MILITARY SYSTEMS= ABSTRACTS OF SYMP
 HARDENING CRITERIA FOR MINUTEMAN EQUIPMENT.= EM
 M CRITERIA FOR HARDENED MINUTEMAN FACILITIES.= E
 BLES AND LINES ENTERING MINUTEMAN FACILITIES.= EM HARDENING
 PROTECTION.= MINUTEMAN HARDENED MISSILE SITE EM P
 EM PROTECTION FOR MINUTEMAN HARDENED MISSILE SITE.=
 EM HARDENING OF MINUTEMAN MAGNETIC FIELDS.=
 VULNERABILITY CABLES MINUTEMAN= NUCLEAR WEAPONS EFFECTS C
 .3= MISSILE DETONATION LOCATOR. TEAPOT 6
 LNERABILITY OF HARDENED MISSILE LAUNCH SITES TO ELECTROMAGNE
 MINUTEMAN HARDENED MISSILE SITE EM PROTECTION.=
 FOR MINUTEMAN HARDENED MISSILE SITE.= EM PROTECTION
 PROTECTION OF HARDENED MISSILE SYSTEMS AGAINST THE EM PULSE
 A NOTE ON MISSILE WARHEAD VULNERABILITY.=
 PLOSIONS AND EFFECTS ON MISSILES DURING LAUNCH.= ELECTROMAGN
 ST REPORT PROJECT 6.5A. MITR: 477 PROOF TEST. DETECTION MEAS
 HIELDING TESTS ON SCALE MODEL BUILDINGS.= SUMMARY OF S
 LOSION.= THE KOMPANEETS MODEL FOR RADIO EMISSION FROM A NUCL
 N ANALYTICALLY SOLVABLE MODEL FOR THE EM FIELDS PRODUCED BY
 OF A MAGNETIC BUBBLE. MODEL HIGH ALTITUDE=FIELD
 S OPERATION SUN-BEAM. MODEL SCALING= SMALL-BOY PRETEST ANA
 OSIONS.= THEORETICAL + MODEL STUDIES FOR THE PRODUCTION + P
 OTES ON EM RADIATION. MODEL WAVEFORM LOW ALTITUDE=N
 FROM A NUCLEAR WEAPON. MODEL= LITERATURE SURVEY OF THE EM E
 AR EXPLOSIONS. WAVEFORM MODEL= ON THE EM PULSE GENERATED BY
 EM PULSE THEORETICAL MODELS + EMPIRICAL DESCRIPTION.=
 SERVATIONS AND PROPOSED MODELS.= RF RADIATION FROM A NUCLEAR
 STON-ISLAND WIDERAND EM MODELS.= MONITORING SYSTEM.= JOHN
 ATION DUE TO THE RADIAL MOTION OF A CONDUCTING SPHERE IN A M
 UCLEAR EXPLOSION DUE TO MOVEMENT OF THE EARTHS MAGNETIC FIEL
 NT TO THE EMP FROM A 10 MT SURFACE EXPLOSION= A STUDY OF THE
 SHORT BASELINE NAROL MEASUREMENTS REDWING 6.1A.=
 PORT ON PROJECT T-506-E NBS FOR JULY 1-SEPTEMBER 30, 1954.=
 PORT ON PROJECT T-506-E NBS FOR PERIOD ENDING DECEMBER 30, 19
 SAMPLE NBS PLUMBBOB RECORDS.=
 SAMPLE NBS REDWING RECORDS.=
 C COMPONENT OF EM FIELD NEAR A NUCLEAR DETONATION OPERATION
 ND NUCLEAR EXPLOSIONS.= NEAR MAGNETIC FIELD GENERATED BY CLO
 HS MAGNETIC FIELD.= NEAR MAGNETIC INDUCTION SIGNAL FROM
 IC FIELD SIGNALS FROM A NEAR SURFACE BURST= UNDERGROUND MAGN
 BURIED COMPLEX DUE TO A NEARBY NUCLEAR EXPLOSION= ON DETERMI
 ELECTROMAGNETIC PULSE (NEMP) EFFECTS=STUDY OF NUCLEAR
 OF PHYSICAL SYSTEMS TO NEMR THE EM RADIATION FROM NUCLEAR D
 I II + JOHNIE-BOY 2.3.= NEUTRON FLUX MEASUREMENTS OPERATION
 NS.= ARCTIC ATMOSPHERIC NOISE AND PROPAGATION STUDIES. PART
 EXPLOSIVES.= RADIO NOISE RADIATED ON THE DETONATION OF
 P) REQUIREMENTS FOR THE NORAD COC.= EM PULSE (EM
 TRENGTH MEASUREMENTS AT NORTH BAY ONTARIO.= FIELD S
 Y.= A NOTE ON MISSILE WARHEAD VULNERABILIT
 RM LOW ALTITUDE= NOTES ON EM RADIATION. MODEL WAVEFO
 ALS OBSERVED DURING THE NOUGAT TEST SERIES FROM SEVERAL UNDE
 EM OPERATIONS TEAPOT 16.3=
 DETONATION A SURVEY OF OBSERVATIONS AND PROPOSED MODELS.= R

LASL -53-TEL
 DASAFC-62-TSM
 STL -61-ERM
 BTL -63-IGC
 ARSRDL-62-MRC
 USSR -55-LFF
 DASAFC-62-TSM
 AFESD -64-ASE
 STL -60-EHC
 STL -60-ECH
 STL -60-EHA
 EG+GLV-60-MHM
 EG+GLV-61-EPM
 STL -60-EHM
 AFBSD -63-NWE
 ARSEL -57-MDL
 SANDIA-60-VHM
 EG+GLV-60-MHM
 EG+GLV-61-EPM
 STL -60-PHM
 RAND -63-NMW
 IDA -64-EPH
 MITRE -62-DDT
 BTL -63-SST
 RAND -64-KMK
 RAND -63-ASM
 LASL -62-FMB
 DASAFC-62-SBT
 SGC -62-TMS
 LASL -61-NER
 EHPLES-62-LSE
 SGC -63-OTE
 BTL -62-EMP
 BTL -61-RFR
 EG+GR -64-JIW
 CIT -63-RDR
 LRL -60-NMI
 IITRI -64-SVE
 AFCLL -59-SBN
 NBSCRP-54-EPI
 NBSCRP- -QRP
 STL -58-SNB
 STL -57-SNB
 ARHDL -62-MMC
 SGC -63-NMF
 LRL -60-NMI
 GETEMP-63-UMF
 STL -64-ODE
 AERONU-64-SNE
 RAND -62-CVP
 ARNDL -62-NFM
 SRI -63-AAV
 TAKAT -55-RNR
 MITRE -62-EPR
 BTL -63-FSM
 RAND -63-NMW
 LASL -61-NER
 USGS -62-EPE
 LASL -55-EOT
 BTL -61-RFR

ELECTROMAGNETIC SIGNALS OBSERVED DURING THE NOUGAT TEST SERIES
 MEASUREMENTS AT NORTH BAY ONTARIO. = FIELD STRENGTH MEASUREMENTS
 OF ELECTRIC FIELDS OPERATION BUSTER-JANGLE 10.7. = MEASUREMENTS
 OF RADIATION CALIBRATION OPERATION CASTLE 7.1. = ELECTROMAGNETIC
 EFFECTS DURING OPERATION CASTLE. = MEASUREMENTS OF ELECTROMAGNETIC
 UNDERWATER MEASUREMENTS OPERATION DOMINIC FISH-BOWL 7.1. = ELECTROMAGNETIC
 WAVEFORMS OPERATION DOMINIC RADIOFLASH RECORDS
 HIGH ALTITUDE MEASUREMENTS OPERATION DOMINIC PROGRAM 32. = HIGH ALTITUDE
 DOCUMENTATION DEVELOPMENT OPERATION FERRIS-WHEEL 6.1. = ELECTROMAGNETIC
 SIGNALS FROM LOW YIELD BURSTS OPERATION HARDTACK. = ELECTROMAGNETIC PULSES
 FROM NUCLEAR DETONATIONS OPERATION HARDTACK 6.4. = WAVEFORMS OF
 SIGNALS AT WAKE ISLAND DURING OPERATION HARDTACK PHASE I. = DIAGNOSTIC
 TESTS OF DETONATIONS DURING OPERATION HARDTACK AND ARGUS. = ELECTROMAGNETIC
 EFFECTS OF IVY. = FINAL REPORT ON OPERATION IVY. = MEASUREMENTS OF ELECTROMAGNETIC
 EFFECTS DURING OPERATION IVY. = FINAL REPORT ON OPERATION IVY. = MEASUREMENTS
 OF A NUCLEAR DETONATION OPERATION PLUMBBOB 6.2. = MEASUREMENTS OF ELECTROMAGNETIC
 EFFECTS PROGRAMS 1-9 OPERATION PLUMBBOB. MEASUREMENTS OF ELECTROMAGNETIC
 SIGNALS FROM NUCLEAR WEAPON YIELD OPERATION REDWING 6.4. = AIRBORNE ANTENNA
 MEASUREMENTS FROM NUCLEAR DETONATIONS OPERATION REDWING 6.5. = MEASUREMENTS
 OF INSTRUMENTAL MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 7.
 OF NUCLEAR DETONATIONS OPERATION SUN-BEAM SHOT SMALL-BOY 7.
 ELECTROMAGNETIC LOOP MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 7.
 NEUTRON FLUX MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 GAMMA FLUX MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 EFFECTS TESTING EM PULSE OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 SHOT SMALL-BOY. = OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 SMALL-BOY PRETEST ANALYSIS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 ELECTRIC FIELD MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 ELECTROMAGNETIC FIELD MEASUREMENT OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 INDUCTIVITY MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 DETECTION EQUIPMENT TEST OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 PULSE CURRENT TRANSIENTS OPERATION SUN-BEAM SHOT SMALL-BOY 7.
 ELECTRIC FIELD MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 INDUCTIVITY MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 ELECTROMAGNETIC MEASUREMENTS OPERATION SUN-BEAM SHOT SMALL-BOY 6.
 FROM NUCLEAR DETONATIONS OPERATION TEAPOT 13.30. = MEASUREMENTS
 OF A SURVEY OF ELECTROMAGNETIC EFFECTS OPERATION TUMBLER-SNAPPER 9.5. = ELECTROMAGNETIC
 MEASUREMENTS IN A LABORATORY DURING OPERATION UPSHOT-KNOTHOLE 15.3. = MEASUREMENTS
 OF ELECTROMAGNETIC FIELD ORCHID EVENT. = MEASUREMENTS OF ELECTROMAGNETIC
 SIGNALS AND THEIR PLACE OF ORIGIN. = RELATIONS BETWEEN THE CHARACTERISTICS
 OF NUCLEAR EXPLOSIONS IN OUTER SPACE. = ELECTROMAGNETIC SIGNALS FROM
 NUCLEAR EXPLOSIONS IN OUTER SPACE = SPACESHARE ELECTROMAGNETIC SIGNALS FROM
 OPERATIONS 9.5. = ELECTROMAGNETIC RADIATION OVER THE RADIO SPECTRUM FROM NUCLEAR
 ELECTROMAGNETIC WAVE PROPAGATION OVER THE SURFACE OF THE EARTH. INVESTIGATIONS
 OF THE STL AND HOC PANEL ON ELECTROMAGNETIC RADIATION. = CONCLUSIONS
 DRAWN FROM COMPUTATIONS ON PARAMETER VALUES INSIDE OF THE EM SO
 AND PROPAGATION STUDIES. PART A ARCTIC SPHERIC DATA AUGUST 1955.
 FROM AUGUST 1958 TO MARCH 1959. PART B THE DETECTION OF NUCLEAR EXPLOSIONS
 AND SANDIA CORPORATIVE PARTICIPATION ON NUCLEAR TESTS IN FE
 = AN ESTIMATE FROM THE PEAK RADIAL ELECTRIC FIELD PRODUCED
 BY A CONDUCTING CYLINDER. = PENETRATION OF TRANSIENT MAGNETIC FIELD
 PROJECT T-506-E NBS FOR PERIOD ENDING DECEMBER 30, 1954. = QUALITY
 PROJECT T-620-E-NBS FOR PERIOD ENDING 30 DECEMBER 1955. = QUALITY
 REQUIREMENTS EXCERPTS FROM PERTINENT DOCUMENTS. VULNERABILITY =
 DURING OPERATION HARDTACK PHASE I. = DIAGNOSTIC ELECTROMAGNETIC MEASUREMENTS
 OF NUCLEAR EXPLOSIONS. = MAGNETIC PHENOMENA ASSOCIATED WITH HIGH ALTITUDE
 ATMOSPHERIC ELECTRICAL PHENOMENA IN THE VICINITY OF NUCLEAR
 MEASUREMENTS OF EM PULSE PHENOMENA. LITTLE-FELLER II AND SMALL
 DESCRIPTION OF EM FLASH PHENOMENA. =
 = AIRBORNE ANTENNAS + PHOTOTUBES FOR DETERMINATION OF NUCLEAR

USGS -62-EPE
 BTL -63-FSM
 LASL -54-MEM
 AFOAI -54-FRC
 NBSCR-54-MEE
 KAMAN -63-ESU
 LASL -63-ODR
 SANDIA-63-HAM
 AFWL -63-EPI
 ARSRDL-60-EPL
 ARSRDL-60-WFE
 NBSCR-59-DEM
 NBSCR-59-EEH
 NBSCR- -DIM
 NBSCR- -DIM
 ARHDL -62-MMC
 DASAFC-62-TSM
 ADVIND-59-AAP
 ARSRDL-60-MRF
 AFWL -63-PIM
 ARENRD-63-REP
 ARHDL -62-MLM
 ARNDL -62-NFM
 ARSRDL-62-IGF
 BOEING-63-WET
 DASAFC-62-OSB
 DASAFC-62-SBT
 DRI -63-CPP
 HUGHES-64-IMP
 MHD -63-ACM
 NANOL -63-MDE
 SANDIA-63-EPC
 SRI -62-ESF
 USGS -63-SCM
 LASL -57-EME
 ANSEL -53-ERR
 LRL -53-SEE
 NBSCR-54-EMC
 EG+GB -60-MEF
 CHAPJ -57-RCA
 LRL -59-ESN
 AFWL -59-SES
 ARSEL -53-ERR
 USSR -55-LFE
 STL -61-ERA
 LASL -61-CPV
 SRI -60-AAN
 SRI -60-AAN
 BTL -62-HCS
 SANDIA-63-AEF
 ARHDL -62-PTH
 NBSCR- -QRP
 NBSCR-55-QRP
 DASAFC-63-EPR
 NBSCR-59-DEM
 EG+GB -63-MPA
 UCIG -52-AEP
 NANMC -64-AEF
 STL -60-IEF
 ADVIND-59-AAP

RIA OF VULNERABILITY OF ATMOSPHERICS AND THEIR A FIVE-YEAR TECHNICAL TIONS FROM AN EXPANDING SAMPLE NBS	PHYSICAL SYSTEMS TO NEMR THE EM RADI PLACE OF ORIGIN.= RELATIONS BETWEEN PLAN= NUCLEAR EFFECTS RESEARCH AND T PLASMA IN AN EXTERNAL MAGNETIC FIELD PLUMBBOR RECORDS.= PLUMBBOR WAVEFORMS AND SPECTRA.= PLUMBBOR 6.2.= MEASUREMENT OF THE MA PLUMBBOR. MEASUREMENTS= TECHNICAL S POINT DEFENSE.= NUCLE POSSIBLE MAGNETIC EFFECTS FROM HIGH POSSIBLE MECHANISMS.= INDUCTION AND POWER ELECTROMAGNETIC PULSE TEST FAC POWER SYSTEMS TO EM EFFECTS OF NUCLE PRAGMATIC INSTRUMENTAL MEASUREMENTS PRE BANSHEE CALIBRATION DETONATION.= PREDICTION OF NUCLEAR BURST ZONE EFF PRELIMINARY THOUGHTS.= MAGNETIC FIEL PRESENT AND PREVIOUS ELECTRIC FIELD PRETEST ANALYSIS OPERATION SUN-BEAM. PREVIOUS ELECTRIC FIELD MEASUREMENTS PRIMARY ELECTRON SPECTRUM.= PRIME= THE EM SIGNALS RESULTIN PROBLEM.= PROCEEDINGS.= ELF, VLF AND MAGNETIC PROCEEDINGS.= SMALL-B PROCESSES= DESCRIPTORS PRODUCED BY A NUCLEAR EXPLOSION.= AN PRODUCED BY A NUCLEAR DETONATION.= P PRODUCED BY LOW ALTITUDE NUCLEAR EXP PRODUCED BY NUCLEAR EXPLOSIONS.= AN PRODUCED BY NUCLEAR EXPLOSIONS.= AN PRODUCED BY NUCLEAR DETONATION.= VUL PRODUCTION + PROPAGATION OF EM SIGNA PRODUCTION, PROPAGATION, AND DETECTI PROGRAM 32.= HIGH ALTITUDE MEASURE PROGRAM.= SPHERICS DISCRIMINATOR R PROGRAMS 1-9 OPERATION PLUMBBOR. MF SMALL-BBY PROGRAMS 2, 6, AND 7 PROCEEDINGS.= PROJECT ARGUS REPORT OF THE SECOND W PROJECT DELTA GAMMA.= PROJECT GNOME.= SUBSUR PROJECT T-420-E-NBS.= PROJECT T-506-E NBS FOR PERIOD ENDIN PROJECT T-506-E NBS FOR JULY 1-SEPTE PROJECT T-620-E-NBS FOR PERIOD ENDIN PROJECT 6.5A. MITRE 477 PROOF TEST. PROMPT EM PULSE DATA PROJECT DELTA G PROMPT GAMMA RADIATION FROM A NUCLEA PROOF TEST. DETECTION MEASUREMENT NA PROPAGATION + DETECTION OF EM SIGNAL PROPAGATION LABORATORY DURING OPERAT PROPAGATION OF A TRANSIENT SIGNAL TH PROPAGATION OF EM SIGNALS FROM UNDER PROPAGATION OF LONG AND VERY LONG RA PROPAGATION OVER THE SURFACE OF THE PROPAGATION STUDIES. PART A ARCTIC S PROPAGATION, AND DETECTION OF EM SIG PROPERTIES OF THE EARTHS CRUST. ELEC	RAND -62-CVP CHAPJ -57-RCA AFWL -62-NER KAC -61-REP STL -58-SNB NBSCR- -PWS ARHDL -62-MMC DASAFC-62-TSM GETEMP-63-NEH LEIPOI-60-PME BTL -63-IGC LTRI -64-FSH ARENRO-63-REP AFWL -63-PIM EG+GB -63-PBC HRBSIN-63-ESP LRL -60-MFE DRI -63-CPP DASAFC-62-SBT DRI -63-CPP ARHDL -63-XRI EG+GB -63-ESS EG+G -61-MBP DASADC-63-EVM DASADC-63-SBP ATC -64-CIE SANDIA-63-AEF STL -60-PHM RAND -63-ESP RAND -63-ACP RAND -63-ASM RAND -63-CEF SANDIA-60-VHM SGC -62-TMS EG+GB -63-TSS SANDIA-63-HAM ATC -63-EEP ATC -63-SDR DASAFC-62-TSM DASADC-63-SBP ADKPA -59-PAK AGA -63-PEP EG+GB -63-SEM NBS -54-RPT NBSCR- -QRP NBSCR-54-EPI NBSCR-55-QRP MITRE -62-ODT AGA -63-PEP EG+GB -64-ERS MITRE -62-ODT EG+GB -60-GPO NBSCR-54-EMC NAONR -61-SEP SGC -62-TMS USSR -55-LFE USSR -55-LFE SRI -50-AAV EG+GB -63-TSS USGS -62-EPE
---	---	---

VEY OF OBSERVATIONS AND PROPOSED MODELS.= RF RADIATION FROM	BTL -61-RFR
SSILE SITE.= EM PROTECTION FOR MINUTEMAN HARDENED MI	EG+GLV-61-EPM
UES AND DEVICES FOR THE PROTECTION OF ELECTRICAL AND ELECTRO	GERED -63-IDP
A NUCLEAR DETONATION.= PROTECTION OF HARDENED MISSILE SYSTE	STL -60-PHM
AINST EM EFFECTS.= PROTECTION OF ICBM WEAPON SYSTEMS AG	STL -61-PIW
SYSTEMS.= ELECTRICAL PROTECTION OF TACTICAL COMMUNICATION	BTL -58-EPT
ARDENED MISSILE SITE EM PROTECTION.= MINUTEMAN H	EG+GLV-60-MHM
UNDERGROUND EXPLOSIONS, PT. 3. EMPHASIS ON THE DETECTION OF	USGS -62-EPE
AD CJC.= EM PULSE (EMP) REQUIREMENTS FOR THE NOR	MITRE -62-EPR
NUCLEAR ELECTROMAGNETIC PULSE (NEMP) EFFECTS.= STUDY OF	AERONU-64-SNE
EM PULSE AND VLF MEASUREMENTS.=	AFCLRL -63-EPV
EM PULSE BIBLIOGRAPHY.=	AERONU-64-EPB
SHOT SMALL-BOY 6.5.= EM PULSE CURRENT TRANSIENTS OPERATION S	SANDIA-63-EPC
PROMPT EM PULSE DATA PROJECT DELTA GAMMA.=	AGA -63-PEP
ELECTROMAGNETIC PULSE EFFECTS ON AIR FORCE SYSTEMS.=	AFSC -64-EPE
ING.= EM PULSE EFFECTS. VULNERABILITY SHIELD	AERONU-63-EPE
NUCLEAR ELECTROMAGNETIC PULSE EXPERIMENTAL FACILITY.= A	ARENRD-64-NEP
ON.= RECEPTION OF AN EM PULSE FROM A HIGH ALTITUDE NUCLEAR E	BOEING-62-REP
RETICAL STUDY OF THE EM PULSE FROM A NUCLEAR EXPLOSION.= THE	AERONU-62-TSE
RETICAL STUDY OF THE EM PULSE FROM A NUCLEAR EXPLOSION. LOW	AERONU-63-TSE
EM PULSE FROM A SURFACE NUCLEAR BURST.=	MITRE -61-EPS
RE.= THE ELECTROMAGNETIC PULSE FROM A THERMONUCLEAR DEVICE EX	STL -64-EPT
PLSIONS.= EM PULSE FROM HIGH ALTITUDE NUCLEAR EXP	IITRI -64-EPH
CK 6.4.= WAVEFORM OF EM PULSE FROM NUCLEAR DETONATIONS OPERA	ARSRDL-60-WFE
MEMORANDUM REPORT ON EM PULSE FROM NUCLEAR DETONATION. DETEC	ARSRDL-62-MRE
CATION CABLES OF THE EM PULSE GENERATED BY A NUCLEAR DETONAT	BTL -64-ECC
VEFORM MODEL= ON THE EM PULSE GENERATED BY ATMOSPHERIC NUCLE	SGC -63-DIE
N FERRIS-WHEEL 6.1.= EM PULSE INSTRUMENTATION DEVELOPMENT OF	AFWL -63-EPI
SEPTEMBER 30, 1954.= EM PULSE INVESTIGATION. REPORT ON PROJE	NBSCR-54-EPI
PONS EFFECTS TESTING EM PULSE OPERATION SUN-BEAM SHOT SMALL-	BOEING-63-WET
TION MEASUREMENTS OF EM PULSE PHENOMENA. LITTLE-FELLER II AN	NANMC -64-AEF
SYSTEMS AGAINST THE EM PULSE PRODUCED BY A NUCLEAR DETONATI	STL -60-PHM
ENTS. VULNERABILITY.= EM PULSE REQUIREMENTS EXCERPTS FROM PER	DASAHQ-63-EPR
EM PULSE SHIELDING.=	BTL -63-EPS
ACCURATE LOCATION OF EM PULSE SOURCES REDWING 6.1B.= FIELD S	SPERRY-60-FSM
H POWER ELECTROMAGNETIC PULSE TEST FACILITY.= FEASIBILITY STU	LTRI -64-FSH
DESCRIPTION.= EM PULSE THEORETICAL MODELS + EMPIRICAL	BTL -62-EMP
AUNCH.= ELECTROMAGNETIC PULSES FROM HIGH ALTITUDE NUCLEAR EX	IDA -64-EPH
ON HARDTACK.= EM PULSES FROM LOW YIELD BURSTS OPERATI	ARSRDL-60-EPL
MEASUREMENTS OF THE EM PULSES FROM NUCLEAR EXPLOSIONS. INST	SGC -63-DEC
ROM SPHERIC RECORDS.= EM PULSES FROM 1962 USSR NUCLEAR TESTS,	AFCLRL -64-EPU
DING DECEMBER 30, 1954.= QUARTERLY REPORT ON PROJECT T-506-E	NBSCR- -ORP
DING 30 DECEMBER 1955.= QUARTERLY REPORT ON PROJECT T-620-E-	NBSCR-55-QRP
OPERATION SUN-BEAM QUICK-LOOK REPORT SHOT SMALL-BOY.=	DASAF-62-QSB
HE EARLY HISTORY OF THE RADIAL ELECTRIC FIELD FROM A NUCLEAR	BTL -62-CEH
ESTIMATE FROM THE PEAK RADIAL ELECTRIC FIELD PRODUCED BY A	SANDIA-63-AEF
.= RADIATION DUE TO THE RADIAL MOTION OF A CONDUCTING SPHERE	CIT -63-RDR
.= RADIATED FIELDS FROM A SURFACE BURST	SANDIA-63-RFF
IVES.= RADIO NOISE RADIATED ON THE DETONATION OF EXPLOS	TAKAT -55-RNR
LE 7.1.= EM RADIATION CALIBRATION OPERATION CAST	AFOAT -54-ERC
E IN A MAGNETIC FIELD.= RADIATION DUE TO THE RADIAL MOTION O	CIT -63-RDR
SWING 2.= TRANSIENT RADIATION EFFECTS MEASUREMENTS. BACK	AFWL -65-TRE
YSIS OF ELECTROMAGNETIC RADIATION FROM NUCLEAR DETONATIONS	ARSEL -56-MAE
T OF RADIO FREQUENCY EM RADIATION FROM NUCLEAR DETONATIONS O	ARSRDL-60-MRF
COHERENT RADIATION FROM NUCLEAR DETONATIONS.=	ATC -61-CRN
VIOR OF THE EARLY GAMMA RADIATION FROM SURFACE CONTACT NUCLE	BOEING-63-TBE
ND PROPOSED MODELS.= RF RADIATION FROM A NUCLEAR DETONATION	BTL -61-RFR
NAL DUE TO PROMPT GAMMA RADIATION FROM A NUCLEAR EXPLOSION.=	EG+GR -64-ERS
THE SHIELDING OF LF RADIATION FROM A NUCLEAR BURST.=	IDA -63-SLK
NYS.= EM RADIATION FROM EXPLOSIONS. INSTRUME	LTV -61-ERE

N SPACE= EM RADIATION FROM A NUCLEAR EXPLOSION I	RAND -61-ERN
SYSTEMS TO MEASURE THE EM RADIATION FROM NUCLEAR DETONATIONS.=	RAND -62-CVP
OF THE ELECTROMAGNETIC RADIATION FROM NUCLEAR EXPLOSIONS IN	RAND -64-DER
F CHARACTERISTICS OF EM RADIATION IVY 9.3.= R	ARSEL -58-CER
INITIAL RADIATION MEASUREMENTS.=	ARHDL -62-IRM
7.16= AIRBORNE E-FIELD RADIATION MEASUREMENTS OF EM PULSE P	NANMC -64-AEF
OWL SERIES.= EM RADIATION MEASUREMENTS ON THE FISH-B	SANDIA-63-ERM
EM RADIATION MECHANISM.=	STL -61-ERM
UMBLES-SNAPPER 9.5.= EM RADIATION OVER THE RADIO SPECTRUM FR	ARSEL -53-ERR
OMES TO ELECTROMAGNETIC RADIATION PRODUCED BY NUCLEAR DETONA	SANDIA-60-VHM
SAJMI).= ELECTROMAGNETIC RADIATION SUSCEPTIBILITY TEST OF THE	SANDIA-63-EMR
MODE= NOTES ON EM RADIATION. MODEL WAVEFORM LOW ALTI	LASL -61-NEK
STL AD HOC PANEL ON EM RADIATION.= CONCLUSIONS AND RECOMMEN	STL -61-ERA
OF ATOMIC WEAPONS. EM RADIATION= CAPABILITIES	DASAHQ-60-CAW
INTERNAL MAGNETIC FIELD.= RADIATIONS FROM AN EXPANDING PLASMA	RAC -61-REP
THE KOMPANEETS MODEL FOR RADIO EMISSION FROM A NUCLEAR EXPLOS	RAND -64-KMR
ION.= RADIO EMISSION FROM AN ATOMIC EXPLOS	USSR -58-REA
THEORETICAL STUDY OF THE RADIO FLASH.= F	LASL -63-TSK
NG 6.5.= MEASUREMENT OF RADIO FREQUENCY EM RADIATION FROM NU	ARSROL-60-MRF
CLLEAR DETONATIONS.= RADIO FREQUENCY SIGNALS CREATED BY N	LASL -60-RFS
ON OF EXPLOSIVES.= RADIO NOISE RADIATED ON THE DETONATI	TAKAT -55-RNR
ONDUCTED BY THE CENTRAL RADIO PROPAGATION LABORATORY DURING	NBSCR-54-EMC
= EM RADIATION OVER THE RADIO SPECTRUM FROM NUCLEAR DETONATI	ARSEL -53-ERR
ON OF LONG AND VERY LONG RADIO WAVES BY THE METHOD OF ANALYZI	USSR -55-LFE
.13, 1960, AT REGGANE.= RADIOELECTRICITY THE MAGNETIC FLASH	PERRF -60-RMF
OPERATION DOMINIC RADIOFLASH RECORDS. WAVEFORM=	LASL -63-ODR
GAMMA RAYS FROM ATOMIC BOMBS.=	LASL -64-GRA
M SIGNAL FROM THE GAMMA RAYS OF A NUCLEAR EXPLOSION.= SKIN-D	LRL -61-SDA
URE REQUIREMENTS.= RECENT NUCLEAR EFFECTS TESTS AND FUT	RAND -63-RNE
MODE NUCLEAR EXPLOSION.= RECEPTION OF AN EM PULSE FROM A HIGH	BOEING-62-REP
ATION.= CONCLUSIONS AND RECOMMENDATIONS OF THE STL AD HOC PA	STL -61-ERA
TIC SIGNALS FROM CASTLE RECORDED IN ALBUQUERQUE= ELECTROMAGN	SANDIA-54-ESC
ATION DOMINIC RADIOFLASH RECORDS. WAVEFORM= OPERA	LASL -63-ODR
SAMPLE NBS REDWING RECORDS.=	STL -57-SNB
SAMPLE NBS PLUMBBOB RECORDS.=	STL -58-SNB
EXTRACTED FROM SPHERICS RECORDS= EM PULSES FROM 1962 USSR NU	AFCL -64-EPU
SAMPLE NBS REDWING RECORDS.=	STL -57-SNB
REDWING WAVEFORMS AND SPECTRA.=	NBSCR- -RWS
LINE NARROW MEASUREMENTS REDWING 6.1A.= SHORT BASE	AFCL -59-SBV
ION OF EM PULSE SOURCES REDWING 6.1B.= FIELD STRENGTH MEASUR	SPERRY-60-FSM
WEAPON YIELD OPERATION REDWING 6.4.= AIRBORNE ANTENNAS + PH	ADVIND-59-AAP
R DETONATIONS OPERATION REDWING 6.5.= MEASUREMENT OF RADIO F	ARSROL-60-MRF
E.= SOME CONSIDERATIONS REGARDING NUCLEAR TESTS IN THE ATMOS	RAND -61-SCR
EST OF FEB.13, 1960, AT REGGANE.= RADIOELECTRICITY THE MAGNE	PERRF -60-RMF
THEIR PLACE OF ORIGIN.= RELATIONS BETWEEN THE CHARACTER OF A	CHAPJ -57-RCA
VULNERABILITY= EM PULSE REQUIREMENTS EXCERPTS FROM PERTINENT	DASAHQ-63-EPR
EM PULSE (EMP) REQUIREMENTS FOR THE NORAD COC.=	MITRE -62-EPR
EFFECTS TESTS AND FUTURE REQUIREMENTS.= RECENT NUCLEAR E	RAND -63-RNE
SPHERICS DISCRIMINATOR RESEARCH AND DEVELOPMENT PROGRAM.=	ATC -63-SDR
L PLAN= NUCLEAR EFFECTS RESEARCH AND TESTING. A FIVE-YEAR TE	AFWL -62-NER
AM SHOT SMALL-BOY 7.5.= RESPONSE OF ELECTRICAL POWER SYSTEMS	ARENRO-63-REP
TECTION OF THE EM WAVE RESULTING FROM AN UNDERGROUND NUCLEA	EG+GB -60-DEW
EM SIGNALS RESULTING FROM CHECKMATE.=	EG+GB -63-ESR
E= THE EM SIGNALS RESULTING FROM BLUE-GILL TRIPLE PRIM	EG+GB -63-ESS
THE EM SIGNALS RESULTING FROM KING-FISH=	EG+GB -64-EMS
THE EM SIGNALS RESULTING FROM STAR-FISH=	EG+GB -64-SRS
IVY 9.3.= RF CHARACTERISTICS OF EM RADIATION I	ARSEL -58-CER
S AND PROPOSED MODELS.= RF RADIATION FROM A NUCLEAR DETONATI	BTL -61-RFR
ON OF CLEAR EXPLOSION.= EARLY RF SIGNAL DUE TO PROMPT GAMMA RADIAT	EG+GB -64-ERS
IONAL SIGNALS DURING FISHER AND RINGTAIL= MEASUREMENTS OF EM SI	EG+GB -64-MES

TY TEST OF THE R-54-D (SADM).= ELECTROMAGNETIC RADIATION SU	SANDIA-63-EMR
UCLEAR EFFECTS DATA FOR SAGE SURVIVABILITY.= N	AFWL -63-NEU
MS A SUMMARY OF HTL AND SAMPLE NRS PLUMBBOB RECORDS.=	STL -58-SNB
Y OF SHIELDING TESTS ON SAMPLE NBS REDWING RECORDS.=	STL -57-SNB
RATION SUN-BEAM. MODEL SANDIA CORPORATIVE PARTICIPATION ON	BTL -62-HCS
SCALE MODEL BUILDINGS.= SUMMAR	BTL -63-SST
SCALING= SMALL-BOY PRETEST ANALYSIS	DASAF-62-SBT
SCIENCE OF HIGH EXPLOSIVES.=	ACS -58-SHE
RANSIENT SIGNAL THROUGH SEA WATER.= STUDY OF EM PROPAGATION	NAONR -61-SEP
ECT ARGUS REPORT OF THE SECOND WORKING GROUP AT LRL FEB 1959	ADRPA -59-PAR
DURING THE NOUGAT TEST SERIES FROM SEVERAL UNDERGROUND EXPL	USGS -62-EPE
ENTS DURING THE RANSHEE SERIES.= EM MEASUREMENTS	EG+GB -63-EMB
ON THE FISH-BOWL SERIES.= EM RADIATION MEASUR	SANDIA-63-ERM
NOUGAT TEST SERIES FROM SEVERAL UNDERGROUND EXPLOSIONS, PT.	USGS -62-EPE
STUDIES. PART A ARCTIC SFERIC DATA AUGUST 1958 TO MARCH 195	SRI -60-AAV
DEVELOPMENT PROGRAM.= SFERICS DISCRIMINATOR RESEARCH AND D	ATC -63-SDR
R TESTS, EXTRACTED FROM SFERICS RECORDS= EM PULSES FROM 1962	AFCL -64-EPU
METHOD OF ANALYZING THE SHAPE OF ATMOSPHERICS.= LOW FREQUENC	USSR -55-LFE
ION.= SWITCHING CENTER SHIELDING AGAINST ATMOSPHERIC INDUCT	HTL -63-SCS
LEAR BURST= THE SHIELDING OF LF RADIATION FROM A NUC	IDA -63-SLR
INGS.= SUMMARY OF SHIELDING TESTS ON SCALE MODEL BUILD	BTL -63-SST
EM PULSE SHIELDING.=	BTL -63-EPS
EFFECTS. VULNERABILITY SHIELDING=EM PULSE E	AERONU-63-EPE
DWING 6.1A.= SHORT BASELINE NAROL MEASUREMENTS RE	AFCL -59-SBN
TUDE NUCLEAR TESTS VELA SIERRA.= GROUND BASED DETECTION OF H	NBS -63-GBD
AR EXPLOSION.= EARLY RF SIGNAL DUE TO PROMPT GAMMA RADIATION	EG+GB -64-ERS
EAR EXPLOSIONS.= THE EM SIGNAL DUE TO THE EXCLUSION OF THE E	RAND -61-ESD
EST.= EM SIGNAL EXPECTED FROM HIGH ALTITUDE T	LASL -58-ESE
EM SIGNAL FROM A BOMB BURST IN VACUO.=	LASL -59-ESB
NEAR MAGNETIC INDUCTION SIGNAL FROM A NUCLEAR EXPLOSION DUE	LRL -60-NMI
IN-DEPTH ANALYSIS OF EM SIGNAL FROM THE GAMMA RAYS OF A NUCL	LRL -61-SDA
EM SIGNAL OF SUBTERRANEAN EXPLOSIONS.=	ECOLJ.-63-ESS
PAGATION OF A TRANSIENT SIGNAL THROUGH SEA WATER.= STUDY OF	NAONR -61-SEP
INIC FISH-BOWL 7.1.= EM SIGNAL UNDERWATER MEASUREMENTS OPERA	KAMAN -63-ESU
ES DUE TO THE INDUCTION SIGNAL= INSTRUMENTAL DISTURBANC	SRI -57-IDI
CASTLE AND TEAPOT ELF EM SIGNALS ALBERT LOOP DATA.= C	LASL -61-CFE
NS.= RADIO FREQUENCY SIGNALS CREATED BY NUCLEAR DETONATIO	LASL -60-RFS
MEASUREMENT OF EM SIGNALS DURING CHENA.=	EG+GB -64-MEM
MEASUREMENTS OF EM SIGNALS DURING FISHER AND RINGTAIL=	EG+GB -64-MES
UNDERGROUND MAGNETIC FIELD SIGNALS FROM A NEAR SURFACE BURST= U	GETEMP-63-UMF
N.= EM SIGNALS FROM AN UNDERGROUND EXPLOSION	IDA -60-ESU
QUERQUE= ELECTROMAGNETIC SIGNALS FROM CASTLE RECORDED IN ALBU	SANDIA-54-ESC
NSHEE.= DETECTION OF EM SIGNALS FROM HE DETONATIONS AT HIGH	EG+GB -61-DES
ER SPACE= SPACESHARE EM SIGNALS FROM NUCLEAR EXPLOSIONS IN O	AFWL -57-SES
SLOW EM SIGNALS FROM NUCLEAR EXPLOSIONS.=	LASL -60-SES
UTER SPACE.= EM SIGNALS FROM NUCLEAR EXPLOSIONS IN O	LRL -59-ESN
MELEY LOW FREQUENCY EM SIGNALS FROM NUCLEAR EXPLOSIONS.= EX	UCIG -58-ELF
THE EM SIGNALS FROM TIGHT-ROPE=	EG+GB -64-EST
ATION + DETECTION OF EM SIGNALS FROM UNDERGROUND NUCLEAR EXP	EG+GB -60-GPD
ON, AND DETECTION OF EM SIGNALS FROM UNDERGROUND NUCLEAR EXP	EG+GB -63-TSS
ION + PROPAGATION OF EM SIGNALS FROM UNDERGROUND NUCLEAR EXP	SGC -62-TMS
THE MEASUREMENTS OF EM SIGNALS GENERATED BY THE DETONATION	SANDIA-63-OTM
HYDROMAGNETIC SIGNALS IN THE IONOSPHERE.=	RAND -63-HSI
CRUST. ELECTROMAGNETIC SIGNALS OBSERVED DURING THE NOUGAT T	USGS -62-EPE
LEAR EXPLOSIONS.= EM SIGNALS PRODUCED BY LOW ALTITUDE NUC	RAND -63-ESP
EM SIGNALS RESULTING FROM CHECKMATE.=	EG+GB -61-ESR
PLE PRIME= THE EM SIGNALS RESULTING FROM BLUE-GILL TRI	EG+GB -63-ESS
THE EM SIGNALS RESULTING FROM KING-FISH=	EG+GB -64-EMS
THE EM SIGNALS RESULTING FROM STAR-FISH=	EG+GB -64-SRS
F EARLY ELECTROMAGNETIC SIGNALS UPSHOT-KNOTHOLE 15.4. MEASU	LASL -53-IEE

E SMALL-BOY NUCLEAR EMP SIGNATURES= THEORETICAL EXTRAPOLATIO
 SIONS.= THEORETICAL AND SIMULATION STUDIES FOR THE PRODUCTIO
 EMP SIMULATION.=
 UTEMAN HARDENED MISSILE SITE EM PROTECTION.= MIN
 UTEMAN HARDENED MISSILE SITE.= EM PROTECTION FOR MIN
 HARDENED MISSILE LAUNCH SITES TO ELECTROMAGNETIC RADIATION P
 F A NUCLEAR EXPLOSION.= SKIN-DEPTH ANALYSIS OF EM SIGNAL FRD
 ONS.= SLOW EM SIGNALS FROM NUCLEAR EXPLOSI
 SMALL CHARGE EM STUDIES.=
 OPERATION SUN-BEAM SHOT SMALL-BOY LITTLE-FELLER I II + JOHNI
 AL EXTRAPOLATION OF THE SMALL-BOY NUCLEAR EMP SIGNATURES= TH
 N-BEAM. MODEL SCALING= SMALL-BOY PRETEST ANALYSIS OPERATION
 EDINGS.= SMALL-BOY PROGRAMS 2, 6, AND 7 PROCE
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.1.= WEAPONS EFFECTS TEST
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.11.= AIR CONDUCTIVITY ME
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.2.= MAGNETIC LOOP MEASUR
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.3.= INHERENT MAGNETIC FI
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.4.= INITIAL GAMMA FLUX M
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.5.= EM PULSE CURRENT TRA
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.7.= SOIL CONDUCTIVITY ME
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.8.= EARTHS STATIC FIELD
 OPERATION SUN-BEAM SHOT SMALL-BOY 6.9.= CORRELATION OF PRESE
 OPERATION SUN-BEAM SHOT SMALL-BOY 7.1. VULNERABILITY COMPUTE
 A. LITTLE-FELLER II AND SMALL-BOY 7.16= AIRBORNE E-FIELD RAD
 OPERATION SUN-BEAM SHOT SMALL-BOY 7.5.= RESPONSE OF ELECTRIC
 OPERATION SUN-BEAM SHOT SMALL-BOY 7.8.1.= MAGNETIC DETECTION
 QUICK-LOOK REPORT SHOT SMALL-BOY.= OPERATION SUN-BEAM
 AM SHOT SMALL-BOY 6.7.= SOIL CONDUCTIVITY MEASUREMENTS OPERA
 SIONS.= AN ANALYTICALLY SOLVABLE MODEL FOR THE EM FIELDS PRO
 STS IN THE ATMOSPHERE.= SOME CONSIDERATIONS REGARDING NUCLEA
 UNDERGROUND DETONATIONS SOME PRELIMINARY THOUGHTS.= MAGNETIC
 BOWL 6.5A.= IONOSPHERIC SOUNDINGS AND MAGNETIC MEASUREMENTS.
 VALUES INSIDE OF THE EM SOURCE.= COMPUTATIONS ON PARAMETER
 TE LOCATION OF EM PULSE SOURCES REDWING 6.1B.= FIELD STRENGT
 M NUCLEAR EXPLOSIONS IN SPACE.= DETECTION OF THE ELECTROMAGN
 EAR EXPLOSIONS IN OUTER SPACE.= EM SIGNALS FROM NUCL
 A NUCLEAR EXPLOSION IN SPACE= EM RADIATION FROM
 EAR EXPLOSIONS IN OUTER SPACE= SPACESHARE EM SIGNALS FROM NU
 LOSIONS IN OUTER SPACE= SPACESHARE EM SIGNALS FROM NUCLEAR E
 PLUMBBOB WAVEFORMS AND SPECTRA.=
 REDWING WAVEFORMS AND SPECTRA.=
 ADIATION OVER THE RADIO SPECTRUM FROM NUCLEAR DETONATIONS UP
 DUCED PRIMARY ELECTRON SPECTRUM.= X-RAY I
 MOTION OF A CONDUCTING SPHERE IN A MAGNETIC FIELD.= RADIATI
 IC FIELD GENERATED BY A SPHERICALLY SYMMETRIC NUCLEAR BURST.
 SPIN DRIFT EFFECTS HANDBOOK=
 SPRINGS.= MAGNETIC
 SURGE TESTS AT COLORADO STAR-FISH= THE EM
 SIGNALS RESULTING FROM STATIC FIELD MEASUREMENTS OPERATION
 SMALL-BOY 6.8.= EARTHS STL AD HOC PANEL ON EM RADIATION.= C
 RECOMMENDATIONS OF THE STRENGTH MEASUREMENTS AT NORTH BAY O
 NTARIO.= FIELD STRENGTH MEASUREMENT FOR ACCURATE LO
 ES REDWING 6.1B.= FIELD STRENGTH MEASUREMENT FOR ACCURATE LO
 ORETICAL AND SIMULATION STUDIES FOR THE PRODUCTION, PROPAGAT
 S.= THEORETICAL + MODEL STUDIES FOR THE PRODUCTION + PROPAGA
 LOSIONS.= VLF STUDIES OF HIGH ALTITUDE NUCLEAR EXP
 C NOISE AND PROPAGATION STUDIES. PART A ARCTIC SPHERIC DATA A
 SMALL CHARGE EM STUDIES.=
 T FACILITY= FEASIBILITY STUDY FOR HIGH POWER ELECTROMAGNETIC
 FEASIBILITY STUDY FOR NUCLEAR SURVEILLANCE.=
 LF SYSTEM.= EXPLORATORY STUDY FOR THE PREDICTION OF NUCLEAR

ARENRD-64-TEG
 EG+GB -63-TSS
 GERED -64-EMS
 EG+GLV-60-MHM
 EG+GLV-61-EPM
 SANDIA-60-VHM
 LRL -61-SDA
 LASL -60-SES
 SANDIA-61-SCE
 ARNDL -62-NFM
 ARENRD-64-TEG
 DASAFC-62-SBT
 DASADC-63-SBP
 ROEING-63-WET
 MHD -63-ACM
 ARHDL -62-MLM
 HUGHES-64-IMF
 ARSRDL-62-IGF
 SANDIA-63-EPC
 USGS -63-SCM
 SRI -62-ESF
 ORI -63-CPP
 AFWL -63-PIM
 NANMC -64-AEF
 ARENRD-63-REP
 NANOL -63-MDE
 DASAFC-62-OSB
 USGS -63-SCM
 RAND -63-ASM
 RAND -61-SCR
 LRL -60-MFE
 AFCRL -63-ISM
 LASL -61-CPV
 SPERRY-60-FSM
 RAND -64-DEK
 LRL -59-ESV
 RAND -61-ERN
 AFWL -59-SES
 AFWL -59-SES
 NBSCR- PWS
 NBSCR- RWS
 ARSEL -53-ERR
 ARHDL -63-XRI
 CIT -63-RDR
 RAND -62-CIE
 URS -64-SDE
 BTL -63-MST
 EG+GB -64-SRS
 SRI -62-ESF
 STL -61-ERA
 BTL -63-FSM
 SPERRY-60-FSM
 EG+GB -63-TSS
 SGC -62-TMS
 NANOL -58-VSH
 SRI -60-AAN
 SANDIA-61-SCE
 LTRI -64-FSH
 ARSRDL-63-FSN
 HRBSIN-63-ESP

NAL THROUGH SEA WATER.=	STUDY OF EM PROPAGATION OF A TRANSIE	NAONR -61-SEP
SE (NEMP) EFFECTS=	STUDY OF NUCLEAR ELECTROMAGNETIC PUL	AERONU-64-SNE
EXPLOSION.= THEORETICAL	STUDY OF THE EM PULSE FROM A NUCLEAR	AFRONU-62-TSE
ALTITUDE.= THEORETICAL	STUDY OF THE EM PULSE FROM A NUCLEAR	AERONU-63-TSE
	THEORETICAL STUDY OF THE RADIO FLASH.=	LASL -63-TSR
MT SURFACE EXPLOSION= A	STUDY OF THE VULNERABILITY OF ELECTR	IITRI -64-SVE
	SUBSURFACE EM MEASUREMENTS ON PROJEC	EG+GB -63-SEM
	T GNOME.= SUBTERRANEAN EXPLOSIONS.=	ECOLJ.-63-ESS
	EM SIGNAL OF	BTL -62-HCS
COMMUNICATIONS SYSTEMS A	SUMMARY OF BTL AND SANDIA CORPORATIV	DASAF-62-TSM
MEASUREMENTS= TECHNICAL	SUMMARY OF MILITARY EFFECTS PROGRAMS	BTL -63-SST
MODEL BUILDINGS.=	SUMMARY OF SHIELDING TESTS ON SCALE	USGS -62-EPE
R EXPLOSIONS, TECHNICAL	SUMMARY.= ELECTRICAL PROPERTIES OF T	DASAF-62-OSB
L-BOY.= OPERATION	SUN-BEAM QUICK-LOOK REPORT SHOT SMAL	AFWL -63-PIM
MEASUREMENTS OPERATION	SUN-BEAM SHOT SMALL-BOY 7.1. VULNERA	ARENRD-63-REP
R DETONATIONS OPERATION	SUN-BEAM SHOT SMALL-BOY 7.5.= RESPON	ARHDL -62-MLM
MEASUREMENTS OPERATION	SUN-BEAM SHOT SMALL-BOY 6.2.= MAGNET	ARNDL -62-NFM
MEASUREMENTS OPERATION	SUN-BEAM SHOT SMALL-BOY LITTLE-FELLE	ARSRDL-62-IGF
X MEASUREMENT OPERATION	SUN-BEAM SHOT SMALL-BOY 6.4.= INITIA	BOEING-63-WET
TING EM PULSE OPERATION	SUN-BEAM SHOT SMALL-BOY 6.1.= WEAPON	DRI -63-CPP
MEASUREMENTS OPERATION	SUN-BEAM SHOT SMALL-BOY 6.9.= CORREL	HUGHES-64-IMF
D MEASUREMENT OPERATION	SUN-BEAM SHOT SMALL-BOY 6. . INHERE	MHD -63-ACM
MEASUREMENTS OPERATION	SUN-BEAM SHOT SMALL-BOY 6. . AIR C	NANDL -63-MDE
EQUIPMENT TEST OPERATION	SUN-BEAM SHOT SMALL-BOY 7.8.1.= MAGN	SANDIA-63-EPC
NT TRANSIENTS OPERATION	SUN-BEAM SHOT SMALL-BOY 6.5.= EM PUL	SRI -62-ESF
MEASUREMENTS OPERATION	SUN-BEAM SHOT SMALL-BOY 6.8.= EARTHS	USGS -63-SCM
MEASUREMENTS OPEKATION	SUN-BEAM SHOT SMALL-BOY 6.7.= SOIL C	AFWL -63-EML
ER + JOHNNIE-BOY EVENTS.	SUN-BEAM 6.6= EM MEASUREMENTS LITTLE	DASAF-62-SBT
TEST ANALYSIS OPERATION	SUN-BEAM. MODEL SCALING= SMALL-BOY	SANDIA-63-RFF
RADIATED FIELDS FROM A	SURFACE BURST.=	GETEMP-63-UMF
ELD SIGNALS FROM A NEAR	SURFACE BURST= UNDERGROUND MAGNETIC	RAND -64-CEM
C FIELDS GENERATED BY A	SURFACE BURST= THE CLOSE-IN ELECTRIC	BOEING-63-TBE
LY GAMMA RADIATION FROM	SURFACE CONTACT NUCLEAR WEAPON DETON	IITRI -64-SVE
TO THE EMP FROM A 10 MT	SURFACE EXPLOSION= A STUDY OF THE VU	MITRE -61-EPS
EM PULSE FROM A	SURFACE NUCLEAR BURST.=	USSR -55-LFE
VE PROPAGATION OVER THE	SURFACE OF THE EARTH. INVESTIGATION	BTL -63-MST
	MAGNETIC SURGE TESTS AT COLORADO SPRINGS.=	ARERDL-63-FSN
ILITY STUDY FOR NUCLEAR	SURVEILLANCE.= FEASIB	SGC -63-DEC
EQUIPMENT TO CONDUCT AREA	SURVEY MEASUREMENTS OF THE EM PULSES	LRL -53-SEE
T-KNOTHOLE 15.3.= A	SURVEY OF EM EFFECTS OPERATION UPSHO	BTL -61-RFR
A NUCLEAR DETONATION A	SURVEY OF OBSERVATIONS AND PROPOSED	BTL -63-IGC
ON COMMUNICATION CABLES	SURVEY OF POSSIBLE MECHANISMS.= INDU	EHPLES-62-LSE
APON. MODEL= LITERATURE	SURVEY OF THE EM EFFECT FROM A NUCLE	RAND -58-SEE
NUCLEAR DETONATIONS.= A	SURVEY OF THE EM EFFECTS OF HIGH-ALT	AFWL -63-NED
R EFFECTS DATA FOR SAGE	SURVIVABILITY.= NUCLEA	SANDIA-63-EMR
ELECTROMAGNETIC RADIATION	SUSCEPTIBILITY TEST OF THE B-54-D IS	BTL -63-SCS
ATMOSPHERIC INDUCTION.=	SWITCHING CENTER SHIELDING AGAINST A	RAND -62-CIE
ERATED BY A SPHERICALLY	SYMMETRIC NUCLEAR BURST.= CLOSE IN E	AFESD -64-ASE
SYSTEMS= ABSTRACTS OF	SYMPOSIUM ON EMP EFFECTS ON MILITARY	DASADC-63-EVM
D MAGNETIC MEASUREMENTS	SYMPOSIUM PROCEEDINGS.= ELF, VLF AN	HRBSIN-63-ESP
RST ZONE EFFECTS ON VLF	SYSTEM.= EXPLORATORY STUDY FOR THE P	EG+GB -64-JIW
WIDEBAND EM MONITORING	SYSTEM.= JOHNSTON-ISLAND	BTL -62-HCS
2.= HARD COMMUNICATIONS	SYSTEMS A SUMMARY OF BTL AND SANDIA	STL -60-PHM
ION OF HARDENED MISSILE	SYSTEMS AGAINST THE EM PULSE PRODUCE	STL -61-PIW
TECTION OF IGHM WEAPON	SYSTEMS AGAINST EM EFFECTS.= PR	RAND -62-BCS
	SYSTEMS AND NUCLEAR EM EFFECTS.=	AFSC -63-SAN
BURIED CABLE	SYSTEMS APPLICATIONS OF NUCLEAR TECH	GERED -63-TDP
ON AIR-FORCE SYSTEMS.=	SYSTEMS FROM LIGHTNING TRANSIENTS.=	ARENRD-63-REP
ELECTRICAL AND ELECTRONIC	SYSTEMS TO EM EFFECTS OF NUCLEAR DET	RAND -62-CVP
ENSE OF ELECTRICAL POWER	SYSTEMS TO NEAR THE EM RADIATION FRO	AFSC -63-SAN
VNERABILITY OF PHYSICAL	SYSTEMS.= SYSTEMS APPLICATIONS OF NU	
ON EFFECTS ON AIR-FORCE		

EMP EFFECTS ON MILITARY SYSTEMS= ABSTRACTS OF SYMPOSIUM ON	AFESD -64-ASE
SE EFFECTS ON AIR FORCE SYSTEMS= ELECTROMAGNETIC PUL	AFSC -64-EPE
TACTICAL COMMUNICATION SYSTEMS= ELECTRICAL PROTECTION OF	BTL -58-EPT
REPORT ON PROJECT T-420-E-NRS.=	NHS -54-RPT
TERLY REPORT ON PROJECT T-506-E NBS FOR PERIOD ENDING DECEMB	NBSCR- -QRP
TION. REPORT ON PROJECT T-506-E NBS FOR JULY 1-SEPTEMBER 30,	NBSCR-54-EPI
TERLY REPORT ON PROJECT T-620-E-NBS FOR PERIOD ENDING 30 DEC	NBSCR-55-QRP
ELECTRICAL PROTECTION OF TACTICAL COMMUNICATION SYSTEMS= E	BTL -58-EPT
TA.= CASTLE AND TEAPOT ELF EM SIGNALS ALBERT LOOP DA	LASL -61-CTE
MEASUREMENTS OPERATION TEAPOT 13.3C.= EM	LASL -57-EME
EM OBSERVATIONS TEAPOT 16.3=	LASL -55-EOT
ILE DETONATION LOCATOR. TEAPOT 6.3= MISS	ARSEL -57-MDL
ND TESTING. A FIVE-YEAR TECHNICAL PLAN= NUCLEAR EFFECTS RESE	AFWL -62-NEK
LUMBBOR. MEASUREMENTS= TECHNICAL SUMMARY OF MILITARY EFFECT	DASAF-62-TSM
UND NUCLEAR EXPLOSIONS, TECHNICAL SUMMARY.= ELECTRICAL PROPE	USGS -62-EPE
LIGHTNING TRANSIENTS.= TECHNIQUES AND DEVICES FOR THE PROTE	GERO -63-TDP
CTRIC FIELD MEASUREMENT TECHNIQUES= EVALUATION OF CLOSE-IN E	BOEING-64-ECE
APPLICATIONS OF NUCLEAR TECHNOLOGY. NUCLEAR WEAPON EFFECTS O	AFSC -63-SAN
EMP TEST CRITERIA.=	LRL -62-EPT
R ELECTROMAGNETIC PULSE TEST FACILITY= FEASIBILITY STUDY FOR	LTRI -64-FSH
IC FLASH OF THE NUCLEAR TEST OF FEB. 13, 1960, AT REGGAVE.= R	PERRF -60-RMF
ADIATION SUSCEPTIBILITY TEST OF THE B-54-D (SADM).= ELECTROM	SANDIA-63-EMR
TIC DETECTION EQUIPMENT TEST OPERATION SUN-BEAM SHOT SMALL-B	NANOL -63-MDE
VEFORM= DOMINIC INTERIM TEST REPORT PROJECT 6.5A. MITRE 477	MITRE -62-ODT
ERVED DURING THE NOUGAT TEST SERIES FROM SEVERAL UNDERGROUND	USGS -62-EPE
T 6.5A. MITRE 477 PROOF TEST. DETECTION MEASUREMENT WAVEFORM	MITRE -62-ODT
CTED FROM HIGH ALTITUDE TEST.= EM SIGNAL EXPE	LASL -58-ESE
Y 6.1.= WEAPONS EFFECTS TESTING EM PULSE OPERATION SUN-BEAM	BOEING-63-WET
AR EFFECTS RESEARCH AND TESTING. A FIVE-YEAR TECHNICAL PLAN=	AFWL -62-NEK
RECENT NUCLEAR EFFECTS TESTS AND FUTURE REQUIREMENTS.=	RAND -63-RNC
MAGNETIC SURGE TESTS AT COLORADO SPRINGS.=	BTL -63-MST
ARTICIPATION ON NUCLEAR TESTS IN FEBRUARY AUGUST 1962.= HARD	BTL -62-HCS
TIONS REGARDING NUCLEAR TESTS IN THE ATMOSPHERE.= SOME CONSI	RAND -61-SCR
SUMMARY OF SHIELDING TESTS ON SCALE MODEL BUILDINGS.=	BTL -63-SST
F HIGH ALTITUDE NUCLEAR TESTS VELA SIERRA.= GROUND BASED DET	NBS -63-GBD
EM EFFECTS FROM NUCLEAR TESTS.=	EG+GLV-61-EEN
FROM 1962 USSR NUCLEAR TESTS, EXTRACTED FROM SPHERICS RECORD	AFCL -64-EPI
TER OF ATMOSPHERICS AND THEIR PLACE OF ORIGIN.= RELATIONS BE	CHAPJ -57-RCA
ND NUCLEAR EXPLOSIONS.= THEORETICAL + MODEL STUDIES FOR THE	SGC -62-TMS
ND NUCLEAR EXPLOSIONS.= THEORETICAL AND SIMULATION STUDIES F	EG+GB -63-TSS
NUCLEAR EMP SIGNATURES= THEORETICAL EXTRAPOLATION OF THE SMA	ARENRO-64-TES
PTION.= EM PULSE THEORETICAL MODELS + EMPIRICAL DESCR	BTL -62-EMP
M A NUCLLAR EXPLOSION.= THEORETICAL STUDY OF THE EM PULSE FR	AERONU-62-TSE
PLSION. LOW ALTITUDE.= THEORETICAL STUDY OF THE EM PULSE FR	AERONU-63-TSE
= THEORETICAL STUDY OF THE RADIO FLASH	LASL -63-TSR
= THEORY OF EM FIELD FROM GROUND-SHOT.	LRL -58-TEF
E SHOT.= THEORY OF EM FIELD FROM HIGH ALTITUD	LRL -61-TEF
ROMAGNETIC PULSE FROM A THERMONUCLEAR DEVICE EXPLODED IN A U	STL -64-EPT
ATIONS SOME PRELIMINARY THOUGHTS.= MAGNETIC FIELD EFFECTS FR	LRL -60-MFE
N OF A TRANSIENT SIGNAL THROUGH SEA WATER.= STUDY OF EM PROP	NAONR -61-SEP
THE EM SIGNALS FROM TIGHT-ROPE=	EG+GB -64-EST
AR WEAPON DETONATIONS.= TIME BEHAVIOR OF THE EARLY GAMMA RAD	BOEING-63-TBE
NTS OF CANADIAN 100 TON TNT EXPLOSION.= EM MEASUREME	EG+GB -63-EMC
REMENTS OF CANADIAN 100 TON TNT EXPLOSION.= EM MEASU	EG+GB -63-EMC
LINDER.= PENETRATION OF TRANSIENT MAGNETIC FIELDS INTO A HOL	ARHDL -62-PTM
ENTS. BACKSWING 2.1= TRANSIENT RADIATION EFFECTS MEASUREM	AFWL -65-TRE
OF EM PROPAGATION OF A TRANSIENT SIGNAL THROUGH SEA WATER.=	NAONR -61-SEP
6.5.= EM PULSE CURRENT TRANSIENTS OPERATION SUN-BEAM SHOT S	SANDIA-63-EPC
SYSTEMS FROM LIGHTNING TRANSIENTS.= TECHNIQUES AND DEVICES	GERO -63-TDP
ESULTING FROM BLUE-GILL TRIPLE PRIME= THE EM SIGNALS R	EG+GB -63-ESS

FROM ATOMIC EXPLOSIONS.	TUMBLER-SNAPPER 7.1A.= ELECTROMAGNET	AFOAT -53-EEA
R DETONATIONS OPERATION	TUMBLER-SNAPPER 7.5.= EM RADIATION O	ARSEL -53-ERR
ETIC FIELD EFFECTS FROM	UNDERGROUND DETONATIONS SOME PRELIMI	LRL -60-MFE
EM SIGNALS FROM AN	UNDERGROUND EXPLOSION.=	IDA -60-ESU
EST SERIES FROM SEVERAL	UNDERGROUND EXPLOSIONS, PT. 3. EMPHA	USGS -62-EPE
M A NEAR SURFACE BURST=	UNDERGROUND MAGNETIC FIELD SIGNALS F	GETEMP-63-UMF
WAVE RESULTING FROM AN	UNDERGROUND NUCLEAR DETONATION LOLLI	EG+GB -60-DEW
TION OF EM SIGNALS FROM	UNDERGROUND NUCLEAR EXPLOSIONS= GENE	EG+GB -60-GPD
TION OF EM SIGNALS FROM	UNDERGROUND NUCLEAR EXPLOSIONS.= THE	EG+GB -63-TSS
TION OF EM SIGNALS FROM	UNDERGROUND NUCLEAR EXPLOSIONS.= THE	SGC -62-TMS
ERATED BY CLOSE COUPLED	UNDERGROUND NUCLEAR EXPLOSIONS.= NEA	SGC -63-NMF
SIS ON THE DETECTION OF	UNDERGROUND NUCLEAR EXPLOSIONS, TECH	USGS -62-EPE
SH-BOWL 7.1.= EM SIGNAL	UNDERWATER MEASUREMENTS OPERATION DO	KAMAN -63-ESU
AR DEVICE EXPLODED IN A	UNIFORM ATMOSPHERE= THE ELECTROMAGNE	STL -64-EPT
ROM NUCLEAR EXPLOSIONS:	UPSHOT KNOTHOLE 7.1.= EM EFFECTS F	AFOAT -55-EEN
M NUCLEAR DETONATIONS.	UPSHOT-KNOTHOLE 6.7.= MEASUREMENTS A	ARSEL -56-MAE
ELECTROMAGNETIC SIGNALS	UPSHOT-KNOTHOLE 15.4, MEASUREMENTS=	LASL -53-IEE
OF EM EFFECTS OPERATION	UPSHOT-KNOTHOLE 15.3.= A SURVEY	LRL -53-SEE
RATORY DURING OPERATION	UPSHOT-KNOTHOLE.= EM MEASUREMENTS CO	NBSCR-54-EMC
DS= EM PULSES FROM 1962	USSR NUCLEAR TESTS, EXTRACTED FROM S	AFCR-64-EPU
AL FROM A BOMB BURST IN	VACUUM.= EM SIGN	LASL -59-ESB
MPUTATIONS ON PARAMETER	VALUES INSIDE OF THE EM SOURCE.= CO	LASL -61-CPV
ALTITUDE NUCLEAR TESTS	VELA SIERRA.= GROUND BASED DETECTION	NBS -63-GBD
PROPAGATION OF LONG AND	VERY LONG RADIO WAVES BY THE METHOD	USSR -55-LFE
TRICAL PHENOMENA IN THE	VICINITY OF NUCLEAR FISSION EXPLOSION	UCIG -52-AEP
IUM PROCEEDINGS.= ELF,	VLF AND MAGNETIC MEASUREMENTS SYMPOS	DASADC-63-EVM
EM PULSE AND	VLF MEASUREMENTS.=	AFCR-63-EPV
ELF AND	VLF MEASUREMENTS FISH-BOWL 1962.=	NBSCR-64-EVM
EXPLOSIONS.=	VLF STUDIES OF HIGH ALTITUDE NUCLEAR	NANOL -58-VSH
R BURST ZONE EFFECTS ON	VLF SYSTEM.= EXPLORATORY STUDY FOR T	HRBSIN-63-ESP
ERATION OF CURRENTS AND	VOLTAGES BY NUCLEAR EXPLOSIONS ON CO	BTL -63-IGC
EM PULSE EFFECTS.	VULNERABILITY SHIELDING=	AERONU-63-EPE
ONS EFFECTS CRITERIA.	VULNERABILITY CABLES MINUTEMAN= NUCL	AFBSD -63-NWE
EAM SHOT SMALL-BOY 7.1.	VULNERABILITY COMPUTER-COMPONENTS CA	AFWL -63-PIM
PLSION= A STUDY OF THE	VULNERABILITY OF ELECTRIC EQUIPMENT	IITRI -64-SVE
ATIONS.= ON CRITERIA OF	VULNERABILITY OF PHYSICAL SYSTEMS TO	RAND -62-CVP
BY NUCLEAR DETONATION.=	VULNERABILITY OF HARDENED MISSILE LA	SANDIA-60-VHM
NOTE ON MISSILE WARHEAD	VULNERABILITY.= A	RAND -63-NMW
OM PERTINENT DOCUMENTS.	VULNERABILITY= EM PULSE REQUIREMENTS	DASAHQ-63-EPR
STIC EM MEASUREMENTS AT	WAKE ISLAND DURING OPERATION HARDTAC	NBSCR-59-DEM
A NOTE ON MISSILE	WARHEAD VULNERABILITY.=	RAND -63-NMW
IENT SIGNAL THROUGH SEA	WATER.= STUDY OF EM PROPAGATION OF A	NAONR -61-SEP
RICS.= LOW FREQUENCY EM	WAVE PROPAGATION OVER THE SURFACE OF	USSR -55-LFE
P.= DETECTION OF THE EM	WAVE RESULTING FROM AN UNDERGROUND N	EG+GB -60-DEW
ON EM RADIATION. MODEL	WAVEFORM LOW ALTITUDE= NOTES	LASL -61-NER
RIC NUCLEAR EXPLOSIONS.	WAVEFORM MODEL= ON THE EM PULSE GENE	SGC -63-DTE
PERATION HARDTACK 6.4.=	WAVEFORM OF EM PULSE FROM NUCLEAR DE	ARSRD-60-WFE
. DETECTION MEASUREMENT	WAVEFORM= DOMINIC INTERIM TEST REPOR	MITRE -62-ODT
NIC RADIOFLASH RECORDS.	WAVEFORM= OPERATION DOMI	LASL -63-ODR
PLUMBBOB	WAVEFORMS AND SPECTRA.=	NBSCR- -PWS
REDWING	WAVEFORMS AND SPECTRA.=	NBSCR- -RWS
ONG AND VERY LONG RADIO	WAVES BY THE METHOD OF ANALYZING THE	USSR -55-LFE
SIVES.= EM	WAVES EMITTED ON DETONATION OF EXPLO	KOLSH -54-EWE
SURFACE CONTACT NUCLEAR	WEAPON DETONATIONS.= TIME BEHAVIOR O	BOEING-63-TBE
EAR TECHNOLOGY. NUCLEAR	WEAPON EFFECTS ON AIR-FORCE SYSTEMS.	AFSC -63-SAN
PROTECTION OF ICBM	WEAPON SYSTEMS AGAINST EM EFFECTS.=	STL -61-PIW
ETERMINATION OF NUCLEAR	WEAPON YIELD OPERATION REDWING 6.4.=	ADVIND-59-AAP
M EFFECT FROM A NUCLEAR	WEAPON. MODEL= LITERATURE SURVEY OF	EHPLES-62-LSE
BLES MINUTEMAN= NUCLEAR	WEAPONS EFFECTS CRITERIA. VULNERABI	AFBSD -63-NWE
AM SHOT SMALL-BOY 6.1.=	WEAPONS EFFECTS TESTING EM PULSE OPE	ROEING-63-WET

CAPABILITIES OF ATOMIC WEAPONS. EM RADIATION=
JOHNSTON-ISLAND WIDEBAND EM MONITORING SYSTEM.=
RIC AND MAGNETIC FIELDS WITHIN A BURIED COMPLEX DUE TO A NEA
US REPORT OF THE SECOND WORKING GROUP AT LRL FEB 1959. DETE
RUM.= X-RAY INDUCED PRIMARY ELECTRON SPECT
EM PULSES FROM LOW YIELD BURSTS OPERATION HARDTACK.=
ATION OF NUCLEAR WEAPON YIELD OPERATION REDWING 6.4.= AIRBOR
ICTION OF NUCLEAR BURST ZONE EFFECTS ON VLF SYSTEM.= EXPLORA

DASMO-60-CAN
EG+GR -64-JIW
STL -64-ODE
ADRPA -59-PAR
ARHDL -63-XRI
ARSDL-60-EPL
ADVIND-59-AAP
HRBSIN-63-ESP

Security Classification

DOCUMENT CONTROL DATA - R&D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author) DASA Data Center General Electric Company, TEMPO 735 State Street, Santa Barbara, California	2a. REPORT SECURITY CLASSIFICATION Unclassified
	2b. GROUP

3. REPORT TITLE
 ELECTROMAGNETIC PULSE - SPECIAL BIBLIOGRAPHY NO. 1

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

5. AUTHOR(S) (Last name, first name, initial)

6. REPORT DATE March 1965	7a. TOTAL NO. OF PAGES 51	7b. NO. OF REFS 234
-------------------------------------	-------------------------------------	-------------------------------

8a. CONTRACT OR GRANT NO. DA 49-146-XZ-282 A. PROJECT NO. NWER Subtask 07.008 c. d.	9a. ORIGINATOR'S REPORT NUMBER(S)
	9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report) SB-1

10. AVAILABILITY/LIMITATION NOTICES

11. SUPPLEMENTARY NOTES	12. SPONSORING MILITARY ACTIVITY Defense Atomic Support Agency Radiation Branch Washington, D. C.
--------------------------------	---

13. ABSTRACT

A bibliography of references pertinent to the study of nuclear-burst associated electromagnetic pulses, their generation, propagation, and effects. Based on the report collection of the DASA Data Center. 234 references are cited and a Key-Word-In-Context (KWIC) index is provided, but no abstracts or other subject analysis is given. Supersedes DASA 705 (AD 446 995).

Security Classification

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Detection Electric fields Electromagnetic pulses, Bibliographies High altitude Magnetic fields Nuclear explosions						

INSTRUCTIONS

1. ORIGINATING ACTIVITY: Enter the name and address of the contractor, subcontractor, grantee, Department of Defense activity or other organization (*corporate author*) issuing the report.

2a. REPORT SECURITY CLASSIFICATION: Enter the overall security classification of the report. Indicate whether "Restricted Data" is included. Marking is to be in accordance with appropriate security regulations.

2b. GROUP: Automatic downgrading is specified in DoD Directive 5200.10 and Armed Forces Industrial Manual. Enter the group number. Also, when applicable, show that optional markings have been used for Group 3 and Group 4 as authorized.

3. REPORT TITLE: Enter the complete report title in all capital letters. Titles in all cases should be unclassified. If a meaningful title cannot be selected without classification, show title classification in all capitals in parenthesis immediately following the title.

4. DESCRIPTIVE NOTES: If appropriate, enter the type of report, e.g., interim, progress, summary, annual, or final. Give the inclusive dates when a specific reporting period is covered.

5. AUTHOR(S): Enter the name(s) of author(s) as shown on or in the report. Enter last name, first name, middle initial. If military, show rank and branch of service. The name of the principal author is an absolute minimum requirement.

6. REPORT DATE: Enter the date of the report as day, month, year, or month, year. If more than one date appears on the report, use date of publication.

7a. TOTAL NUMBER OF PAGES: The total page count should follow normal pagination procedures, i.e., enter the number of pages containing information.

7b. NUMBER OF REFERENCES: Enter the total number of references cited in the report.

8a. CONTRACT OR GRANT NUMBER: If appropriate, enter the applicable number of the contract or grant under which the report was written.

8b, 8c, & 8d. PROJECT NUMBER: Enter the appropriate military department identification, such as project number, subproject number, system numbers, task number, etc.

9a. ORIGINATOR'S REPORT NUMBER(S): Enter the official report number by which the document will be identified and controlled by the originating activity. This number must be unique to this report.

9b. OTHER REPORT NUMBER(S): If the report has been assigned any other report numbers (*either by the originator or by the sponsor*), also enter this number(s).

10. AVAILABILITY/LIMITATION NOTICES: Enter any limitations on further dissemination of the report, other than those

imposed by security classification, using standard statements such as:

- (1) "Qualified requesters may obtain copies of this report from DDC."
- (2) "Foreign announcement and dissemination of this report by DDC is not authorized."
- (3) "U. S. Government agencies may obtain copies of this report directly from DDC. Other qualified DDC users shall request through _____."
- (4) "U. S. military agencies may obtain copies of this report directly from DDC. Other qualified users shall request through _____."
- (5) "All distribution of this report is controlled. Qualified DDC users shall request through _____."

If the report has been furnished to the Office of Technical Services, Department of Commerce, for sale to the public, indicate this fact and enter the price, if known.

11. SUPPLEMENTARY NOTES: Use for additional explanatory notes.

12. SPONSORING MILITARY ACTIVITY: Enter the name of the departmental project office or laboratory sponsoring (*paying for*) the research and development. Include address.

13. ABSTRACT: Enter an abstract giving a brief and factual summary of the document indicative of the report, even though it may also appear elsewhere in the body of the technical report. If additional space is required, a continuation sheet shall be attached.

It is highly desirable that the abstract of classified reports be unclassified. Each paragraph of the abstract shall end with an indication of the military security classification of the information in the paragraph, represented as (TS), (S), (C), or (U).

There is no limitation on the length of the abstract. However, the suggested length is from 150 to 225 words.

14. KEY WORDS: Key words are technically meaningful terms or short phrases that characterize a report and may be used as index entries for cataloging the report. Key words must be selected so that no security classification is required. Identifiers, such as equipment model designation, trade name, military project code name, geographic location, may be used as key words but will be followed by an indication of technical context. The assignment of links, rules, and weights is optional.

END

DATE

FILMED

65